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The Migrant 75 (1): 1-5, 2004.

APPALACHIAN YELLOW-BELLIED SAPSUCKER SIGHTINGS ON THE TELLICO DISTRICT, CHEROKEE NATIONAL FOREST, WITH A 1995 NESTING RECORD

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Though questioned in recent years, some authorities believe there are three subspecies of Yellow-bellied Sapsucker *(Sphyrapicus varius)* in the eastern United States: *S. v. varius* which breeds from Pennsylvania north and west through Canada, *S. v. atrothorax* which breeds from Pennsylvania south in the Appalachians to Virginia, and *S. v. appalachiensis*, a disjunct subspecies restricted to the high elevations of the southern Appalachians (Ganier 1954, but see Short 1982 and Winkler 1995). Yellow-bellied Sapsuckers of the possible subspecies *appalachiensis* are smaller and darker and are generally thought to be rare throughout their breeding range (Ganier 1954, Stupka 1963, Nicholson 1997). Whether a subspecies or not, any sightings of this small population are significant. It is of high conservation priority, given its rarity, restricted range, and population declines (Nicholson 1997). In this paper we detail several sightings of Appalachian Yellow-bellied Sapsuckers in the Tellico District of the Cherokee National Forest.

Between late April and early July from 1995-1998 we conducted between 80 and 213 point counts annually on the Tellico (Monroe County), Hiwassee (Monroe and Polk Counties), and Ocoee (Polk County) districts of the Cherokee

National Forest (CNF) (Klaus and Buehler unpub. data). During this time we encountered Yellow-bellied Sapsuckers a total of 5 times, only once during a point count. No sapsuckers were ever detected in the Hiwassee or Ocoee districts. Counts surveyed all habitats in the CNF and covered much of the forest. Counts were randomly located throughout the study area and were stratified by forest type and stand age through the entire range of elevation in our study area (231-1530 m). Remarkably, given the extent of the surveys and the time spent working in the vicinity of a population of Yellow-bellied Sapsuckers, we saw and/or heard this species on only two days in four years.

The first encounter was on 18 June 1995. After detecting vocalizations of young birds (begging calls), Klaus followed the activity to a tree with an active Yellow-bellied Sapsucker nest. Both parents appeared during the next 30 min though neither called or drummed. The chicks were quite vocal, even when the parents were away. Based on vocalizations, Klaus estimated there were at least three young in the nest cavity. The nest was constructed in a red maple (*Acer rubrum*) snag with a diameter breast height of 28 cm (11 inches). The nest entrance was located on the north side of the tree, approximately 9 m (30 ft) above the ground. The nest tree was on a ridge running north/south, very near a sudden drop in the ridge's elevation to the south. The forest types in the immediate vicinity were a transition between hemlock, northern hardwoods, and xeric oak/hickory. Tree species immediately around the nest were predominantly chestnut oak (*Quercus prinus*) and red maple, with a few eastern hemlocks (*Tsuga canadensis*). A rhododendron (*Rhododendron catawbiense*) thicket began downslope to the west while the understory was fairly open to the east, the direction the birds foraged. The ground was covered with blueberry (*Vaccinium vacillans*) immediately around the nest. A 12-yr old clearcut approximately 32 ha (80 acres) in size began 12 m (40 ft) to the northwest and was visible from the nest cavity entrance. No other sapsuckers were detected that year, though work continued in the area through July. The nest site was visited again in 1996, 1997, 1998, and 2003 by Klaus, in 1999 by Jason Osborne, and every year between 1998 and 2004 by various other point counters. No Yellow-bellied Sapsucker nest has been relocated, though in 1999 Jason Osborne located fresh sap wells in the area, and in 1997 Klaus heard a Yellow-bellied Sapsucker drumming nearby at Beech Gap.

No sapsuckers were detected while working daily in the Cherokee National Forest from late April to July in 1996 and 1998. Our other detections were all on 17 May 1997. The weather was clear and warm that day with high temperatures around 18° C (65° F). That morning between 0900 and 1300 four birds were heard drumming and counter-drumming across three ridges (Rough Ridge, Whigg Ridge, and near Beech Gap). Two were seen, while the locations of the remaining two were estimated based on sound (Table 1). At least two of these drumming sites were located within 15m (50 ft) of a recent clearcut. Drumming continued for nearly three hours and could be heard for several miles. The birds were not heard or seen again after this day though work continued in the area for another four months. No nests associated with these observations were found. Two of these

locations were very close to previous observations, one near Beech Gap and a second near a 21 May 1995 observation by John Bartlett (Bartlett and Buehler unpub. data).

Table 1. Location, date, and elevation of Yellow-bellied Sapsuckers detected, 1995-2003, Tellico District, Cherokee National Forest.

Date	Ridge	Latitude	Longitude	Elevation in meters (feet)	Nest?
8 June 1995	Beech Gap	35. 34078	84. 05740	1127m (3700 ft)	Y
May 17 1997	Whigg Ridge	35. 30863	84. 05754	1219 m (4000 ft)	N
May 17 1997	Rough Ridge	35. 29600*	84. 02264*	1544 m (5066 ft)*	N
May 17 1997	Beech Gap	35. 34446*	84. 00553*	1280 m (4200 ft)*	N
May 17 1997	North River	35. 32786	84. 04819	1219 m (4000 ft)	N

*Approximate

From 15-18 June 2003 Klaus surveyed these sites in an effort to relocate this population. In addition most of the high elevation ridges (>1,066 m/3,500 ft elevation) of the Tellico district were surveyed for sapsuckers, including all historic sites. Surveys followed a protocol developed by John Gerwin, North Carolina Museum of Natural History, and were part of a larger survey effort throughout the Southern Appalachians. This survey effort used playback tapes of Yellow-bellied Sapsucker drumming and vocalizations to increase detection rates. Frequent rains precluded a thorough search of the area; however 16 survey points covering 26 km (16 miles) of ridge were conducted. No Yellow-bellied Sapsuckers were detected, and no fresh sapwells were found. Since most records are from mid-May it is possible that June was too late to survey for this species.

Several Appalachian Yellow-bellied Sapsuckers and at least two nests have been located in the immediate vicinity of our detections (Figure 1). Nearly 60 years earlier Ganier and Clebsch found birds at John's Knob and Stratton Meadows, both within 3km (2 mi) of two of my locations. In addition they found a bird at Beech Gap where we had one in 1995 and 1997 and less than 400 m (0.25 mile) from our 1995 nest site (Ganier and Clebsch 1944, Ganier and Clebsch 1946). Later sightings in this area date from 1973 at Whigg Meadow (Hixon 1996), 1974 at Stratton Meadows (Eller 1974), and 1989 and 1991 in 4 locations in the general area of Stratton Meadows (Nicholson 1997). Including our record from 1995 there are three published nesting records for this area (Ganier and Clebsch 1944, Hixon 1996) as well as a 1991 sighting of fledglings (Nicholson 1997). Given the apparent rarity of sapsuckers during the breeding season in East Tennessee (only two published sightings in Tennessee outside this region), this small area on the Tellico

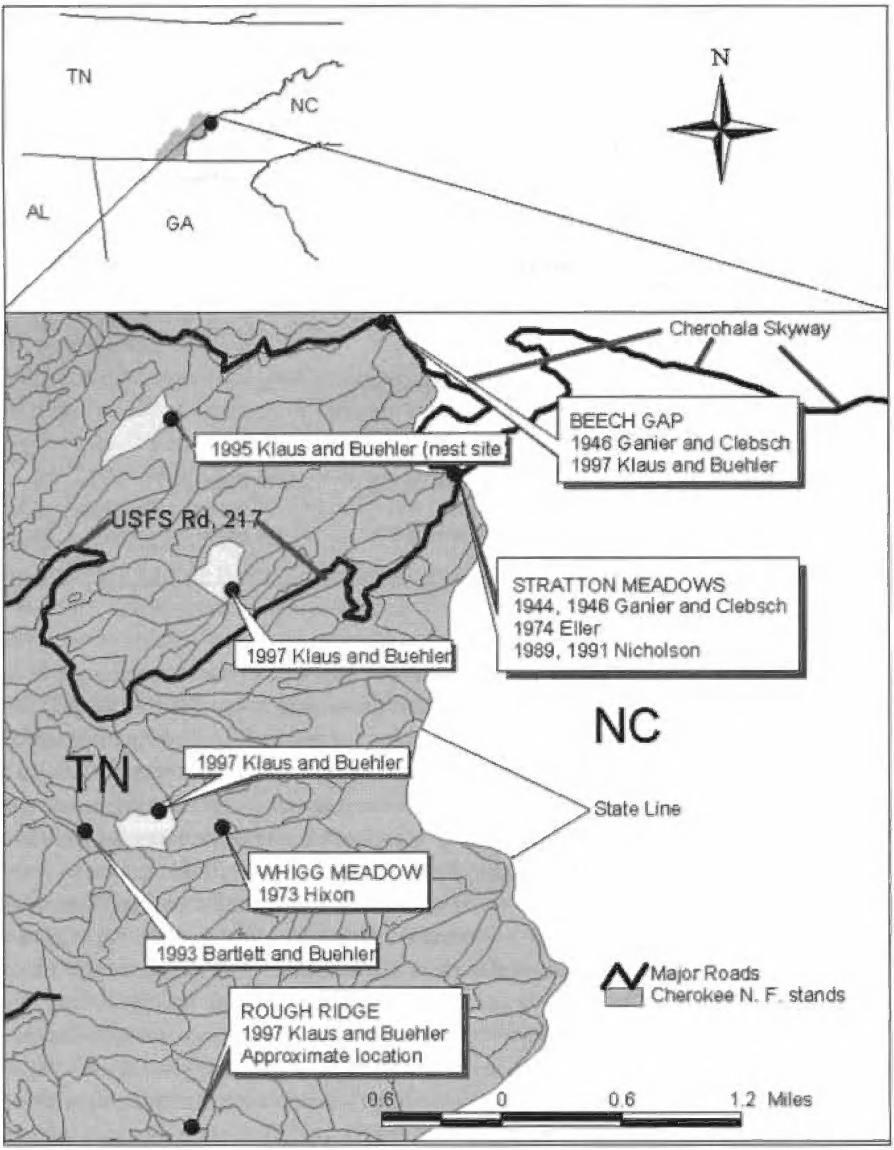

Figure 1. Locations of Yellow-bellied Sapsucker observations on Cherokee National Forest, Tennessee.

district is remarkable, suggesting Yellow-bellied Sapsuckers in the Appalachians may have extraordinary site fidelity or very specific habitat needs which limit their distribution. Regardless of the cause, the area between Beech Gap, Stratton Meadows, and Rough Ridge appears to be an important area for this species accounting for >90% (13 of 15) of the published breeding season records.

Because of their low detectability, it may be that many more individuals are present in the Southern Appalachians. It is also possible that they are present in many areas where none have been detected. For example, systematic surveys in North Georgia in 2002 detected a breeding pair in Rabun County, the second breeding pair ever found in Georgia (Klaus unpub. data). More systematic survey work needs to be conducted for this species to determine its conservation status and track population changes. Current survey methods (Breeding Bird Survey, point counts) do not adequately survey this rare species because of its low detectability, rarity on the landscape, and because it is vocal during a relatively brief period in early spring before most bird surveys are conducted.

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The Migrant 75 (1): 6-7, 2004

REPORT OF THE TENNESSEE BIRD RECORDS COMMITTEE

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This report summarizes the actions taken by the Tennessee Bird Records Committee of the Tennessee Ornithological Society (TOS) for the winter 2002 to winter 2003 timeframe. Committee members and alternates who voted on these records were Jay Desgrosellier, John Henderson, Rick Knight, Nell Moore (alternate), Rob Peeples, Chris Sloan, and Michael Todd (secretary).

Acceptance criteria is as follows: A species is placed on the confirmed list based upon either (a) extant, verified specimen, photograph, or sound recording, each accompanied by written details, or (b) satisfactory written documentation of three independent sight records, or satisfactory written documentation of three independent observers of the same bird. Without these levels of documentation a species is placed on the Provisional List based on one or two sight records with satisfactory written documentation. Acceptance to either list required unanimous or one dissenting vote of the committee.

This report contains seven records, all of which were accepted.

Clark's Grebe (*Aechmophorus clarkii*) — Written documentation by John Henderson, Mary Lynn Buttram, and Libby Wolfe of a bird seen on 18, 19, and 21 March 1993 on Nickajack Lake in Marion County. This bird was also seen by several other observers.

Vote: 5-0 (1 vote still out)

This places Clark's Grebe on the Official State List. It was previously on the Provisional List due to this individual being written-up by only one observer.

Ruff (*Philomachus pugnax*) — Written documentation by Damien Simbeck of a bird near Savannah in Hardin Co. on 17-18 March 2003. In addition to Damien, at least 3 other observers saw this bird.

Vote: 6-0

This bird is considered casual in TN.

Sabine's Gull (*Xema sabini*) — Written documentation and photographs by Ed Talbott III of a juvenile bird seen on 7 September 2003 on South Holston Lake in Sullivan Co. ,TN. This bird was seen by several people that day.

Vote: 6-0

This is the 3rd accepted record, placing this bird on the Official State List, from the Provisional List

Sabine's Gull (*Xema sabini*) — Written documentation by Michael Todd of two juvenile Sabine's Gulls seen by he and Nancy Moore on 10 September 2003 on Island 13 in Lake Co.

Vote: 5-0 (1 vote still out)

This is the 4th accepted record of this species.

Broad-tailed Hummingbird (*Selasphorus platycerus*) — Written documentation, measurements, and photographs of a bird banded by Chris Sloan and Portia Macmillan on 9 November 2002 in Nashville, Davidson Co. , TN.

Vote: 5-0 (1 vote still out)

This is the 1st State record of this species; Broad-tailed Hummingbird will be placed on the Official State List.

Sage Thrasher (*Oreoscoptes montanus*) — Written documentation by Susan Hoyle, and photographs by Ron Hoff, K. Dean Edwards, and Michael Todd of a bird 1st found on 8 November 2003 at Lyons Bend Peninsula in Knoxville, Knox Co. , TN. This bird was subsequently seen by many through February 2004 thanks to the tremendous efforts of Susan and others.

Vote: 6-0

This is the 1st State record of this species; Sage Thrasher will be placed on the Official State List

MacGillivray's Warbler (*Oporornis tolmiei*) — Written documentation and video by Jan Shaw, and photographs by Mike O'Malley and Chris Sloan of a bird present from 25 October 2003 to 19 November 2003 at Radnor Lake State Park in Nashville, Davidson Co. , TN. This bird was seen by over 60 observers from at least 7 states.

Vote: 6-0

This is the 1st State record of this species, and it will be placed on the Official State List

OBSERVERS

Observers submitting documentation and/or photographs to the committee included Mary Lynn Buttram, K Dean Edwards, John Henderson, Ron Hoff, Susan Hoyle, Mike O'Malley, Damien Simbeck, Jan Shaw, Chris Sloan, Ed Talbott III, Michael Todd, and Libby Wolfe. The committee wishes to thank everyone who took time to contribute documentation. Anyone else who I inadvertently overlooked in regards to these records, thank you and I apologize.

If you have questions about the documentation of a species, the Official List of Tennessee Birds can be found in the Tennessee Bird Records Committee section of the Tennessee Ornithological Society website (www. tnbirds. org). This list was designed as a guide to the status and distribution of the avifauna of Tennessee. A rare bird reporting form can be downloaded from the same section of the TOS website.

The Migrant 75 (1): 8-13, 2004

FALL NORTH AMERICAN MIGRATION COUNTS

Compiled by RON HOFF
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This article is a compilation of the Fall North American Migration Counts. NAMC counts are conducted on the third Saturday of September each year (20 September in 2003) with the count area being a single county. This year 43 observers tallied 14755 individuals of 150 species (Table 1). Brown-headed Nuthatches seem to be continuing their northward expansion as one was reported from Blount County. The weather was generally mild across the state on count day.

COUNTY SUMMARIES

Anderson County – 0700-1100. Weather: foggy early, then clear; 58-70° F. This was a partial count, but still the participants managed to turn up a Great Egret, a Cooper's Hawk, a Blue-winged Warbler, and an Indigo Bunting. Observers: Ron Hoff (compiler: 282 Hackworth Ln. , Clinton, TN 37716; <dollyron@esper. com>), and Dollyann Myers.

Blount County – 0500-2030. Weather: mostly sunny; 62-79° F. Notable finds include a Horned Grebe, Cooper's Hawk, Common Terns, a Brown-headed Nuthatch, a Winter Wren, Orange-crowned and Cape May Warblers, and Bobolinks. Observers: Jean J. Alexander (compiler: 3908 Riverview Dr. , Maryville, TN 37804; <jjadmj@infionline. net>), Marian D. Fitzgerald, Kim J. and Stephen P. Henry, Thomas D. Howe, David M. Johnson, Jon A. Koella, Rachelle and Wes Siegrist, Ann D. Tallent, and June D. Welch.

Davidson County – 0530-1200. Weather: mostly sunny with light winds; 59-75° F. This was another partial count, but the participants still managed to turn up the only Solitary Sandpiper, a Great Crested Flycatcher, and a Warbling Vireo. Observers: Phillip D. Casteel (compiler: 2722 Bobby Ave. , Nashville, TN 37216; <tigerwrblr@aol. com>), Jeff Cowell, Rob Lane, Jon Mann, Any Potter, Jan Shaw, Michael Smith, and Mary Zimmerman.

Morgan County – No times given. No weather data given. Highlights of the count were the number of vultures, a Great Crested Flycatcher, 3 Wood Thrushes, and 7 Blue-headed Vireos. Observer: David Trently (compiler: 1029 Morrow Dr. , Knoxville, TN 37923-1725; <dtrently@utk. edu>).

Putnam County– 0420-1830. Weather: overcast and misting in the morning, turning partly cloudy later. Wind was 0-5 mph; 61-76° F. No late dates of departure for breeding or migrating species or early dates of arrival for wintering or migrating species were established this year as a result of the Fall Bird Count effort. Breeding behavior and evidence was noted during the count for several species, more than would normally be expected to be breeding this late in the season. Perhaps the wet summer enabled species to breed longer than normal, or

Table 1. Results of the Fall North American Migration Count for Tennessee counties conducted 20 September 2003.

Species	Anderson	Blount	Davidson	Morgan	Putnam	Sevier	Shelby	*Total*
Pied-billed Grebe	-	-	1	-	5	-	3	9
Horned Grebe	-	1	-	-	-	-	-	1
Double-crested Cormorant	1	-	1	-	3	-	15	20
Great Blue Heron	2	10	7	-	17	4	8	48
Great Egret	1	4	2	-	3	1	40	51
Snowy Egret	-	-	-	-	-	-	10	10
Little Blue Heron	-	-	-	-	-	-	5	5
Green Heron	2	5	2	-	9	2	-	20
Black-crowned Night-Heron	2	1	-	-	-	-	-	3
Yellow-crowned Night-Heron	-	-	-	-	1	-	-	1
Black Vulture	-	3	-	27	1	-	1	32
Turkey Vulture	1	17	2	103	53	1	3	180
Canada Goose	107	55	50	70	100	9	78	469
Wood Duck	-	6	-	-	33	1	15	55
Gadwall	-	-	-	-	1	-	-	1
Mallard	61	43	50	-	27	9	47	237
Blue-winged Teal	9	10	1	-	17	-	17	54
Northern Shoveler	-	-	-	-	-	-	2	2
Osprey	1	1	-	-	2	1	1	6
Mississippi Kite	-	-	-	-	-	-	1	1
Cooper's Hawk	1	2	-	-	3	-	2	8
Red-shouldered Hawk	-	2	3	5	6	-	3	19
Broad-winged Hawk	-	-	-	-	30	-	7	37
Red-tailed Hawk	1	3	1	2	12	1	4	24
American Kestrel	-	-	3	1	19	2	2	27
Wild Turkey	-	5	-	-	19	-	5	29
American Coot	-	1	-	-	-	-	1	2
Killdeer	23	15	12	5	46	4	74	179
Black-necked Stilt	-	-	-	-	-	-	14	14
Greater Yellowlegs	-	-	-	-	-	-	6	6
Lesser Yellowlegs	-	-	-	-	-	-	21	21
Solitary Sandpiper	-	-	1	-	-	-	-	1
Spotted Sandpiper	1	2	-	-	-	-	10	13
Semipalmated Sandpiper	-	-	-	-	-	-	5	5
Least Sandpiper	-	-	-	-	-	-	350	350
Pectoral Sandpiper	1	-	-	-	-	-	2	3
Wilson's Snipe	-	-	-	-	-	1	-	1
Caspian Tern	-	-	-	-	-	-	4	4
Common Tern	-	19	-	-	-	-	-	19
Rock Pigeon	-	98	5	6	277	175	257	818

Species	Anderson	Blount	Davidson	Morgan	Putnam	Sevier	Shelby	*Total*
Eurasian Collared-Dove	-	-	-	-	-	-	13	13
Mourning Dove	22	101	12	33	402	48	117	735
Yellow-billed Cuckoo	1	1	1	-	1	1	5	10
Barn Owl	-	-	-	-	1	-	-	1
Eastern Screech Owl	-	1	-	-	8	-	-	9
Great Horned Owl	2	3	1	-	2	-	-	8
Barred Owl	2	1	1	-	7	-	-	11
Common Nighthawk	-	43	3	-	-	10	1	57
Chimney Swift	27	98	90	5	37	50	47	354
Ruby-throated Hummingbird	12	21	6	11	29	1	15	95
Belted Kingfisher	5	4	4	1	14	1	2	31
Red-headed Woodpecker	-	-	1	-	21	-	10	32
Red-bellied Woodpecker	7	11	11	6	44	5	51	135
Downy Woodpecker	4	16	16	1	48	-	23	108
Hairy Woodpecker	1	6	-	-	9	2	4	22
Northern Flicker	2	6	2	2	27	2	7	48
Pileated Woodpecker	8	7	2	-	27	2	12	58
Eastern Wood-Pewee	2	2	11	6	30	2	22	75
Acadian Flycatcher	-	-	-	-	1	-	18	19
Empidonax spp.	-	-	2	-	2	-	1	5
Eastern Phoebe	6	5	2	2	31	5	1	52
Great Crested Flycatcher	-	-	1	1	-	-	2	4
Eastern Kingbird	-	-	-	-	1	-	-	1
Loggerhead Shrike	-	-	-	-	1	-	2	3
White-eyed Vireo	6	6	18	2	45	-	53	130
Yellow-throated Vireo	4	3	-	3	14	2	11	37
Blue-headed Vireo	-	-	-	7	1	1	-	9
Warbling Vireo	-	-	1	-	-	-	1	2
Philadelphia Vireo	-	-	3	-	1	-	2	6
Red-eyed Vireo	2	1	-	2	6	2	7	20
Blue Jay	27	90	26	21	183	30	37	414
American Crow	18	76	26	9	233	38	34	434
Fish Crow	-	-	-	-	-	-	3	3
Common Raven	-	-	-	-	-	1	-	1
Horned Lark	-	-	-	-	3	-	2	5
Tree Swallow	-	6	-	2	-	-	3	11
N. Rough-winged Swallow	-	1	1	-	-	-	13	15
Barn Swallow	-	-	-	-	-	-	3	3
Carolina Chickadee	10	66	47	13	113	20	73	342
Black-capped Chickadee	-	-	-	-	-	2	-	2
Tufted Titmouse	13	49	10	12	90	13	73	260
Red-breasted Nuthatch	-	-	-	-	1	4	-	5

Species	Anderson	Blount	Davidson	Morgan	Putnam	Sevier	Shelby	*Total*
White-breasted Nuthatch	7	8	4	5	44	3	28	99
Brown-headed Nuthatch	-	1	-	-	5	-	-	6
Carolina Wren	21	37	29	14	100	21	74	296
House Wren	-	-	-	-	2	-	-	2
Winter Wren	-	1	-	-	-	-	-	1
Golden-crowned Kinglet	-	-	-	-	-	1	-	1
Ruby-crowned Kinglet	-	-	-	-	2	-	1	3
Blue-gray Gnatcatcher	-	-	-	-	5	-	3	8
Eastern Bluebird	18	31	27	9	217	3	12	317
Swainson's Thrush	-	68	4	2	2	-	3	79
Wood Thrush	-	-	-	3	1	-	3	7
American Robin	-	51	690	4	41	7	21	814
Thrush sp.	-	-	-	2	-	-	-	2
Gray Catbird	7	7	25	1	19	2	2	63
Northern Mockingbird	12	17	14	1	39	4	14	101
Brown Thrasher	2	1	8	1	12	2	3	29
European Starling	250	249	300	74	3024	400	212	4509
Cedar Waxwing	16	116	20	-	160	-	-	312
Blue-winged Warbler	1	1	1	-	-	-	5	8
Golden-winged Warbler	-	-	-	-	1	-	2	3
Tennessee Warbler	18	16	-	5	66	3	25	133
Orange-crowned Warbler	-	2	-	-	-	-	-	2
Nashville Warbler	-	3	-	-	1	-	2	6
Northern Parula	-	-	2	-	11	1	26	40
Yellow Warbler	-	-	1	-	1	-	-	2
Chestnut-sided Warbler	4	5	3	2	17	8	8	47
Magnolia Warbler	6	17	24	8	53	3	9	120
Cape May Warbler	-	1	-	-	-	-	-	1
Black-throated Blue Warbler	-	-	-	-	-	2	-	2
Black-throated Green Warbler	1	5	1	5	16	-	2	30
Blackburnian Warbler	-	2	-	-	1	-	-	3
Yellow-throated Warbler	-	1	1	3	1	-	1	7
Pine Warbler	1	9	-	1	28	-	-	39
Prairie Warbler	-	-	-	-	4	-	-	4
Palm Warbler	-	1	4	-	59	-	-	64
Bay-breasted Warbler	-	-	-	1	6	1	-	8
Black-and-white Warbler	-	1	6	-	8	3	10	28
American Redstart	-	10	13	-	13	2	8	46
Prothonotary Warbler	-	-	-	-	1	-	-	1
Worm-eating Warbler	-	-	-	-	-	-	6	6
Ovenbird	-	1	1	-	6	-	3	11
Northern Waterthrush	-	3	-	-	1	-	-	4
Common Yellowthroat	-	4	21	1	40	3	-	69

Species	Anderson	Blount	Davidson	Morgan	Putnam	Sevier	Shelby	*Total*
Hooded Warbler	-	3	-	1	5	-	3	12
Wilson's Warbler	-	-	-	-	2	-	1	3
Canada Warbler	-	-	-	-	1	-	-	1
Yellow-breasted Chat	-	-	-	-	1	-	-	1
Summer Tanager	6	1	1	2	24	-	18	52
Scarlet Tanager	8	2	1	11	13	-	-	35
Eastern Towhee	3	9	4	-	34	1	-	51
Chipping Sparrow	19	-	-	1	60	-	4	84
Field Sparrow	18	19	25	-	14	-	-	76
Savannah Sparrow	-	-	-	-	-	1	-	1
Song Sparrow	8	9	-	4	29	8	-	58
Lincoln's Sparrow	-	-	-	-	1	-	-	1
Dark-eyed Junco	-	-	-	-	-	6	-	6
Northern Cardinal	29	46	9	6	236	4	42	372
Rose-breasted Grosbeak	3	2	4	8	5	3	13	38
Blue Grosbeak	-	-	1	1	4	-	-	6
Indigo Bunting	1	7	12	2	57	6	8	93
Bobolink	-	16	-	-	4	-	-	20
Red-winged Blackbird	-	51	-	-	3	2	6	62
Eastern Meadowlark	4	3	-	-	18	5	1	31
Common Grackle	-	9	14	-	91	1	120	235
Brown-headed Cowbird	-	6	-	-	200	-	40	246
Baltimore Oriole	-	-	-	-	-	-	1	1
House Finch	-	7	5	4	29	6	1	52
Red Crossbill	-	-	-	-	-	4	-	4
American Goldfinch	6	50	28	8	49	12	27	180
House Sparrow	31	2	10	5	79	8	192	327
Total individuals	709	1683	1636	553	6813	962	2399	14755
Total species	62	92	73	57	111	67	104	150
Effort:								
Observers	2	11	8	1	10	2	9	43
Parties	1	8	2	1	5	1	4	22
Party hours	4	38.4	9	9	48.5	10	19	137.9
Hours by car	3	10.5	-	1.75	32	7	8	
Miles by car	56.6	228	8	60	321.25	110	162	945.85
Hours by foot	1	27.9	-	7.25	16.5	3	11	
Miles by foot	1	16.5	8	1	10.5	3	8	48
Hours owling	-	2.75	-	-	2	-	-	
Miles owling	-	1	-	-	30	-	-	
Feeder observers	-	3	-	-	2	-	2	
Feeder hours	-	2.25	-	-	4	-	4	

perhaps it caused brood failures leading to renesting efforts late in the season. The Cookeville Golf Course is now considered a traditional site for Brown-headed Nuthatches. The totals for Wild Turkey, Tennessee, Chestnut-sided, and Palm Warblers represented all-time daily high counts for Putnam Co. Observers: Terry M. Campbell, Janie C. Finch, Michael J. Hawkins, Jane E. B. Herrin, Nancy S. Layzer, Michael P. O'Rourke, Richard W. Simmers, Jr. , Barbara H. Stedman, Stephen J. Stedman (compiler: 2675 Lakeland Dr. , Cookeville, TN 38507; <sstedman@tntech. edu>), Catherine E. and Winston A. Walden, and Carol D. Williams.

Sevier County – 0730-1830. Weather: hazy to partly cloudy at higher elevations; 65-85° F. Highlights included a Great Egret, Wilson's Snipe, Common Raven, Golden-crowned Kinglet, Black-throated Blue Warbler, Dark-eyed Junco, and Red Crossbills. Participants reported a good movement of warblers. Observers: Susan Hoyle (compiler: P. O. Box 8421, Knoxville, TN 37996: <Hoyle@cs. utk. edu>), Kristine Johnson, and Martha Rudolph.

Shelby County – 0630-1900. Weather: partly cloudy to clear; 60-80° F. Ten species were found only on this count. Despite a well-rounded count, no Eastern Towhees were reported. Observers: Carolyn Bullock, Ann Hooper, Margaret Jefferson, Rob Peeples (compiler: 8205 Meadow Glen Dr. , Memphis, TN 38138; <wpeeples@midsouth. rr. com>), Dick Preston, Ed Thomas, Barbara Wilson, Silvia Wortham, and Linda Zempel.

The Migrant 75 (1): 14-19, 2004

TRADITIONAL FALL BIRD COUNTS – 2003

Compiled by Ron Hoff
282 Hackworth Ln.
Clinton, TN 37716

These counts are usually held on a date other than the date for the North American Migration Count. The count area for these counts typically includes areas in more than one county. As it turned out this year, these four counts were all conducted on the same weekend, one week after the NAMC. Eighty-eight observers recorded nearly 32,000 individual birds of 159 species (Table 1). Perhaps the oddest finding was a Nelson's Sharp-tailed Sparrow found on top of Sharp's Ridge in Knoxville. Elizabethton had a very interesting count, finding a wide range of species from Laughing Gull to Red Crossbills. The weather seemed to be mostly mild, but there was a fair amount of wind. A cold front passed through East Tennessee Saturday afternoon.

COUNT SUMMARIES

Elizabethton – 27 Sept; 0545-2000. Weather: partly cloudy most of the day with light rain in the late afternoon and wind W 5-15 mph and gusting with the passage of a cold front in the late afternoon; 52-80° F. The count total of 132 species was well above the 20-year historical count average of 123. The highest count total ever was in 1993 at 137. The count area was Carter County and parts of adjacent Johnson, Sullivan, Unicoi, and Washington Counties. Highlights included the only gull, rails, Gray-cheeked Thrush, and Pine Siskins. Observers: Fred Alsop, Rob Biller, Wallace Coffey, Rack Cross, Tess Cumbie, Gilbert Derouen, Glen Eller, Don Holt, Rick Knight (compiler: 804 N. Hills Dr. , Johnson City, TN 37604; <rknight@preferred. com>), H. P. Langridge, Tom Laughlin, Larry McDaniel, Tom McNeil, Charles Moore, Dexter and Linda Newman, Mike Poe, Bryan Stevens, Allan Trently, Gary Wallace, and Frank Ward.

Knoxville – 28 Sept; 0730-2045. Weather: partly cloudy with a. m. fog and winds NW 10-15 mph; 53-67° F. A number of highlights were found, but the most unusual was a Nelson's Sharp-tailed Sparrow on top of Sharp's Ridge. Two Brown-headed Nuthatches were found at a new Knox County location. This represents a second site in Knox County for this species and seems to illustrate continued northward movement through the state. Wilson's Warblers were reported for the first time on a Knox County spring or fall count in 6 years. Wild Turkeys continue to increase in numbers, with 40 reported throughout the county. Observers: Jean Alexander, Frank Bills, Sharon Bostick, Howard Chitwood, Gail and Steve Clendenen, Marcia Davis, Meghan DeFord, Dean Edwards (compiler: 1615 Meadow Chase Ln. , Knoxville, TN 37931; <kde@utk. edu>), Belinda Esham, Carole Gobert, Madeleine Hassil, Tony Headrick, Kim Henry, Susan Hoyle, David Johnson, Kristine Johnson, Tony King, Nathan Klaus, Janet McKnight, Ed Manous,

Table 1. Results of the Traditional Tennessee Fall Bird Counts – 2003

Species	Elizabethton	Knoxville	Lebanon	Nashville	*Totals*
Pied-billed Grebe	24	-	4	17	45
Horned Grebe	2	-	-	-	2
Eared Grebe	3	-	-	-	3
Double-crested Cormorant	2	17	45	63	127
Great Blue Heron	17	31	10	76	134
Great Egret	3	3	1	23	30
Green Heron	5	7	-	7	19
Black-crowned Night-Heron	1	1	2	15	19
Yellow-crowned Night-Heron	2	-	-	-	2
Black Vulture	9	11	50	169	239
Turkey Vulture	122	27	29	132	310
Vulture sp.	-	-	4	-	4
Canada Goose	498	361	70	158	1087
Wood Duck	64	36	-	4	104
American Wigeon	4	-	-	-	4
Mallard	198	155	2	192	547
Blue-winged Teal	4	-	-	35	39
Duck sp.	-	-	3	-	3
Osprey	6	4	1	6	17
Bald Eagle	1	2	-	2	5
Northern Harrier	-	1	-	3	4
Sharp-shinned Hawk	5	4	1	3	13
Cooper's Hawk	4	10	-	10	24
Accipiter sp.	-	1	-	-	1
Red-shouldered Hawk	-	5	1	5	11
Broad-winged Hawk	27	33	1	3	64
Red-tailed Hawk	9	15	3	22	49
American Kestrel	7	3	3	22	35
Peregrine Falcon	1	1	-	-	2
Wild Turkey	27	40	15	30	112
Northern Bobwhite	-	10	5	-	15
American Coot	4	-	4	34	42
Virginia Rail	1	-	-	-	1
Sora	2	-	-	-	2
Killdeer	59	30	4	59	152
Lesser Yellowlegs	2	-	-	3	5
Solitary Sandpiper	-	-	-	2	2
Spotted Sandpiper	5	-	-	1	6
Semipalmated Sandpiper	1	-	-	1	2
Least Sandpiper	3	-	-	3	6

Species	Elizabethton	Knoxville	Lebanon	Nashville	*Totals*
Pectoral Sandpiper	2	-	-	1	3
Stilt Sandpiper	-	-	-	1	1
Wilson's Snipe	1	2	-	-	3
Laughing Gull	9	-	-	-	9
Ring-billed Gull	-	-	-	33	33
Caspian Tern	-	-	-	4	4
Forster's Tern	-	-	-	5	5
Rock Pigeon	135	725	51	190	1101
Mourning Dove	204	374	138	211	927
Yellow-billed Cuckoo	2	3	1	6	12
Barn Owl	2	-	-	-	2
Eastern Screech Owl	15	3	-	4	22
Great Horned Owl	3	3	-	1	7
Barred Owl	2	1	-	3	6
Common Nighthawk	6	27	-	2	35
Chimney Swift	474	242	1	179	896
Ruby-throated Hummingbird	2	34	19	31	86
Belted Kingfisher	21	12	6	22	61
Red-headed Woodpecker	-	3	2	5	10
Red-bellied Woodpecker	31	76	17	66	190
Yellow-bellied Sapsucker	1	-	-	4	5
Downy Woodpecker	31	51	8	56	146
Hairy Woodpecker	7	8	-	17	32
Northern Flicker	29	25	3	27	84
Pileated Woodpecker	24	8	-	18	50
Eastern Wood-Pewee	12	25	3	44	84
Yellow-bellied Flycatcher	-	-	-	1	1
Acadian Flycatcher	1	-	-	3	4
Least Flycatcher	-	-	-	1	1
Empidonax sp.	4	7	-	1	12
Eastern Phoebe	31	30	5	31	97
Eastern Kingbird	1	-	1	1	3
Loggerhead Shrike	-	-	1	3	4
White-eyed Vireo	4	32	1	20	57
Yellow-throated Vireo	2	1	-	3	6
Blue-headed Vireo	23	3	-	-	26
Philadelphia Vireo	1	3	-	2	6
Red-eyed Vireo	7	12	-	5	24
Blue Jay	278	382	147	297	1104
American Crow	305	287	61	216	869
Common Raven	13	-	-	-	13
Tree Swallow	-	5	20	305	330

Species	Elizabethton	Knoxville	Lebanon	Nashville	*Totals*
N. Rough-winged Swallow	-	-	37	-	37
Carolina Chickadee	124	127	28	219	498
Tufted Titmouse	60	87	14	168	329
Red-breasted Nuthatch	15	-	-	-	15
White-breasted Nuthatch	16	23	5	38	82
Brown-headed Nuthatch	-	5	-	-	5
Brown Creeper	1	-	-	-	1
Carolina Wren	94	184	21	139	438
House Wren	3	5	1	3	12
Winter Wren	2	-	-	-	2
Sedge Wren	-	-	-	2	2
Marsh Wren	2	3	-	1	6
Golden-crowned Kinglet	1	-	-	-	1
Ruby-crowned Kinglet	1	2	-	-	3
Blue-gray Gnatcatcher	1	6	-	2	9
Eastern Bluebird	89	99	47	170	405
Veery	1	1	-	1	3
Gray-cheeked Thrush	1	-	-	-	1
Swainson's Thrush	40	10	-	6	56
Wood Thrush	17	5	1	4	27
American Robin	195	51	16	611	873
Gray Catbird	20	53	-	26	99
Northern Mockingbird	50	92	31	72	245
Brown Thrasher	2	45	-	35	82
European Starling	1668	3284	2257	2645	9854
Cedar Waxwing	132	46	-	124	302
Blue-winged Warbler	-	2	-	1	3
Golden-winged Warbler	1	-	-	1	2
Tennessee Warbler	102	50	-	20	172
Nashville Warbler	2	4	-	2	8
Northern Parula	-	1	-	7	8
Yellow Warbler	1	2	1	-	4
Chestnut-sided Warbler	15	14	-	9	38
Magnolia Warbler	25	91	2	121	239
Cape May Warbler	20	-	-	1	21
Black-throated Blue Warbler	22	-	-	-	22
Yellow-rumped Warbler	1	-	1	2	4
Black-throated Green Warbler	20	4	-	18	42
Blackburnian Warbler	9	7	-	4	20
Yellow-throated Warbler	3	1	-	4	8
Pine Warbler	3	13	-	2	18
Prairie Warbler	-	2	-	-	2
Palm Warbler	33	79	8	5	125

Species	Elizabethton	Knoxville	Lebanon	Nashville	*Totals*
Bay-breasted Warbler	22	21	-	5	48
Cerulean Warbler	-	1	-	-	1
Black-and-white Warbler	2	14	-	17	33
American Redstart	19	57	1	51	128
Prothonotary Warbler	-	-	-	1	1
Worm-eating Warbler	-	-	-	1	1
Ovenbird	5	2	-	1	8
Northern Waterthrush	2	-	-	4	6
Common Yellowthroat	6	24	-	16	46
Hooded Warbler	8	7	-	1	16
Wilson's Warbler	-	2	-	4	6
Canada Warbler	3	1	-	2	6
Summer Tanager	-	5	4	30	39
Scarlet Tanager	17	7	-	8	32
Eastern Towhee	40	39	2	33	114
Chipping Sparrow	31	1	3	25	60
Field Sparrow	5	20	-	77	102
Savannah Sparrow	6	1	-	-	7
Nelson's Sharp-tailed Sparrow	-	1	-	-	1
Song Sparrow	72	102	-	1	175
Lincoln's Sparrow	-	1	-	-	1
Swamp Sparrow	1	-	-	-	1
White-throated Sparrow	-	-	-	2	2
Dark-eyed Junco	121	-	-	-	121
Northern Cardinal	123	207	54	251	635
Rose-breasted Grosbeak	61	8	-	41	110
Blue Grosbeak	13	6	1	1	21
Indigo Bunting	29	205	7	93	334
Bobolink	1	3	-	-	4
Red-winged Blackbird	260	53	-	239	552
Eastern Meadowlark	21	37	5	10	73
Common Grackle	3	238	1874	3002	5117
Brown-headed Cowbird	24	3	1	26	54
House Finch	32	49	9	35	125
Red Crossbill	2	-	-	-	2
Pine Siskin	2	-	-	-	2
American Goldfinch	131	101	20	82	334
House Sparrow	51	44	36	29	160
Total individuals	6654	8792	5170	11284	31900
Total species	132	112	66	127	159

	Elizabethton	Knoxville	Lebanon	Nashville	*Totals*
Effort:					
Observers	21	31	11	25	88
Parties	6	16-17	4	11	21
Party hours	69	63.75	27.5	72.75	233
Hours by car	-	11	-	28.75	39.75
Miles by car	-	217.75	143	355	715.75
Hours by foot	-	51.25	-	44	95.25
Miles by foot	-	33.25	1.75	26	61
Hours by other (boat)	-	1.5	-	-	1.5
Miles by other (boat)	-	1.5	-	-	1.5
Hours owling	4.5	0.75	-	0.75	6
Miles owling	-	-	-	7	7
Feeder observers	-	-	3	-	3
Feeder hours	-	18.25	8	-	26.25
Count date	9/27/2003	9/28/2003	9/27/2003	9/27/2003	-

Dan and Laurie Mooney, Chuck Nicholson, Truett Patterson, Kelly Roy, Martha Rudolph, Boyd Sharp, David Trently, Craig Walker, and Chris Welsh.

Nashville – 27 Sept; 0500-1900. Weather: rain, cloudy, partly cloudy, and clear with winds at SW 12 to NW 8-11; 65-74° F. A cold front came through at mid-morning, and the numbers of vireos and warblers were lower than usual. Highlights included 3 Northern Harriers, Yellow-bellied Sapsuckers, Least and Yellow-bellied Flycatchers, and 2 Sedge Wrens. Observers: Michael Bierly, Sandy Bivens, Jean Buchanan, Ed Byrne, Margaret Cameron, Phillip Casteel, Richard Connors, Jay Desgrosellier, Jerry Drewry, Bob English, Ed Gleaves, Mark Hackney, Susan Hollyday, Linda Kelly, Jason Mann, Elizabeth O'Conner, Mohan Pattanayek, Virginia Rubin, Sarah Scott, Jan Shaw (compiler: 5019 Timberhill Dr. , Nashville, TN 37211; <jankshaw@aol. com>), Chris Sloan, Michael Smith, Joe Stone, Sabin Thompson, and Mary Zimmerman.

Lebanon (John Sellars Chapter) – 27 Sept; no times given. Weather: none given. Highlights included 37 Rough-winged Swallows and a Loggerhead Shrike. Observers: Charles and Earline Berry, Ralph and Kay Brinkhurst, Frank Crawford, Mary Beth Hovies, Francis Sellars, Roy Turrentine, Melissa Turrentine (compiler: 339 Rippy Ridge Rd. , Normandy, TN 37360; <roymel@cafes. net>), Ken Tyree, and Dean and Jerry Walker.

ERRATA

There was a mistake reporting Fish Crows for the Wilson County (Lebanon) count last year. There were NO Fish Crows reported. The number listed for Fish Crows was supposed to be Blue Jays. This reduces the number of species for the count from 77 to 76. This also reduces the number of species for the fall counts from 187 to 186. For the Wilson County count, the final number of Blue Jays is 134.

The Migrant 75 (1): 20-21, 2004

In Memoriam

RUTH VIRGINIA SCHAEFFER McMILLAN

May 30, 1923 - August 17, 2003

Melissa Turrentine
339 Rippy Ridge Rd.
Normandy, TN 37360

Ruth Virginia McMillan, past President of the John Sellars (Lebanon) Chapter of the Tennessee Ornithological Society (TOS) and former member of the Murfreesboro Chapter, died 17 August 2003 in a nursing home in Murfreesboro. Ruth was the wife of Melville "Mac" McMillan and mother of Roger McMillan, both surviving.

Ruth, a native of Hempstead, New York, met Mac over a cup of coffee through friends. This meeting is an insight on the type of "no-frills" and simplicity that made Ruth so unique. After their marriage, Mac, who was in the military, was stationed in several areas, including Oklahoma, California, and Alaska. Upon his retirement from the Air Force, Mac, Ruth and Roger settled in the northern Rutherford County community of Lascassas.

It was here that Ruth once again exhibited qualities she had all along — dedication, do your best, but do it quietly. She decided to seek a degree at the same time son Roger was going to Middle Tennessee State University. Returning to school as an adult was unusual in the late 1960s. Thus began a chapter to Ruth's career of teaching, teaching business at Smyrna High School.

It was during this time that she acted upon her curiosities about birds and joined the Murfreesboro TOS chapter. Due to time constraints, she later switched her membership to the John Sellars Chapter because they met on Saturdays rather than a weeknight.

After her retirement, Ruth remained active in many areas. She assisted in various bird counts with both chapters and enthusiastically worked on the Breeding Bird Atlas. She was awarded the TOS Distinguished Service Award in 1992. The award citation noted her long-term commitment to TOS, including holding numerous offices in her local chapter (bird count and field trip chairman, 1983 and 1984 fall count compiler, spring count chairman in 1984, chapter president 1985-1990, public relations chairman, and state meeting planner, among others) and serving as a state director from 1985-1992.

She was an early, active member of the Tennessee Native Plant Society, and championed the conservation of many cedar glade plants, including the endangered Tennessee coneflower, which grew near her home. Ruth and Mac's property was designated a natural area by the Tennessee Department of Environmental Conservation because of the Cedar Glade endemics that grew there.

I met Ruth while I was in college. As all who knew Ruth would guess, the story just couldn't end there, for Ruth had this gleam of excitement in her eyes whenever she shared her knowledge of birds or flowers. Although I became interested in the outdoors through some wonderful teachers in high school, Ruth nurtured this already planted seed. Ruth was forever a teacher, be it in the classroom, wandering about a cedar glade, or admiring a flower. Her legacy lives on in those who knew and learned from her.

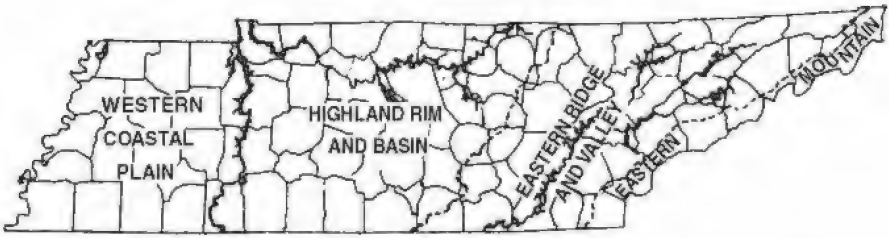
Although we no longer have the physical presence of Ruth, we have her spirit. If you have enjoyed a Lark Sparrow singing, have seen a male Scissortail Flycatcher sitting on a wire, or had Bewick's Wren nesting nearby, you too have had a part of Ruth. I often yearn to be amid a field of coneflowers and hear her saying, "let's listen for the Yellow-billed Cuckoo."

Ruth was a person who loved the simplest of beauties in the natural world, and she sought this quality in those around her, making any around her feel of importance and worth because they had just absorbed some morsel of learning. She will be remembered with a smile next time we hear a bird or see a flower in the most unlikely of places.

The Migrant 75 (1): 22-36, 2004

THE FALL SEASON

RICHARD L. KNIGHT, Editor



1 AUGUST-30 NOVEMBER 2003

Seasonable temperatures prevailed for most of this autumn, except that November was warmer than usual. Rainfall was excessive in northeast Tennessee, average in the middle of the state, and a bit less than average in the west.

The fall migration season is always exciting, as this one proved to be. Several rarities were sprinkled in amongst good numbers of most of the expected transients. Three species new to the state were seen this autumn (pending acceptance), one from each grand division of the state. Chronologically, the first was a Mottled Duck in West Tennessee, followed by a MacGillivray's Warbler in Middle Tennessee, and lastly was a Sage Thrasher in East Tennessee! Other notables included Sabine's Gulls at opposite ends of the state, a Western Grebe in Henry County, a Roseate Spoonbill in Maury County, plus an adult male Calliope Hummingbird and a Clay-colored Sparrow in Blount County. A massive flock of Franklin's Gulls along the Mississippi River shattered the previous high count for the state. Boreal irruptives were generally scarce; however, Red Crossbills and Pine Siskins apparently nested at Roan Mountain and, perhaps, in the Smokies (crossbills only).

In compliance with a recent decision of the American Ornithologists' Union (*Auk* 120 (3): 923-931, 2003), the sequence of two Orders has been changed. Now, waterfowl (geese, swans, & ducks) and gallinaceous birds (grouse, turkey, & quail) are moved to the top of the check-list, ahead of loons. All other species follow, as before.

Standard Abbreviations

ad- adult
ba. - banded
Co- County
Cr- Creek
ers - earliest reported sighting
et al. - and others
fide - reported by
im- immature
Is. - Island
juv - juvenile
L- Lake
lrs - latest reported sighting
max - maximum count
m. ob. - many observers
Mtn - Mountain
NP - National Park
R- River
sp. - species
SP - State Park
WMA - Wildlife Management Area

WESTERN COASTAL PLAIN REGION — This fall was relatively dry. Temperatures were fairly typical in August, somewhat below normal in September and October, and a little above average in November. Unlike last autumn, no tropical storms affected the region.

Nonetheless, there were still a variety of unusual sightings this season. A Mottled Duck, seen and photographed in October at the EARTH Complex, would be a first for the state, if accepted. Two Sabine's Gulls showed up at Island 13 in September for one of few records in the state. A Bell's Vireo at Shiloh National Military Park was quite rare away from the Mississippi River plain. The fall brought a Black-throated Blue Warbler and a Yellow-headed Blackbird to Shelby County, adding to only a handful of previous records for both species in West Tennessee. And November brought Red Phalarope, Red-necked Grebe, and even the seldom-recorded Western Grebe to Britton Ford in Henry County.

Waterfowl: **Greater White-fronted Goose**: reported in Nov in Henry, Lake, Lauderdale & Shelby Cos; 12 Nov (63) Lake Co (NaM), max. **Snow Goose**: 30 Nov (700) EARTH Complex (CHB, VBR), max. **Ross's Goose**: 16 Nov (14) Henry Co (JRW); 30 Nov (1) Shelby Co (George Peyton). **American Black Duck**: 7 Oct (1) EARTH Complex (MCT, DMa), ers. **MOTTLED DUCK**: 4 -7 Oct (1) EARTH Complex (JRW, MCT, DMa), state first, pending TBRC acceptance. **Northern Pintail**: 23 Aug (2) EARTH Complex (JRW) & (3) Is. 13 (WGC, KCL, BL), ers. **Lesser Scaup**: 30 Nov (3000) Robco L. , Shelby Co (CHB, VBR), max. **Surf Scoter**: 16 / 18 Nov (5 / 2) Britton Ford (JRW / TL, EL). **White-winged Scoter**: 16 / 18 Nov (2 / 1) Britton Ford (JRW / TL, EL). **Black Scoter**: 16 Nov (1) Paris Landing SP (JRW). **Bufflehead**: 27 Oct (10) Paris Landing SP (MCT, DMa), ers. **Common Goldeneye**: 16 Nov (1) Henry Co (JRW), ers. **Hooded Merganser**: 4 / 18 Aug (1) Dyer Co (WGC, KCL).

Loon - Stork: **Red-throated Loon**: 22 Nov (1) Henry Co (PDC, FCF, JRW). **Common Loon**: 16 Nov (400) Henry Co (JRW), max. **Red-necked Grebe**: 16-23 Nov (1) Britton Ford (JRW, MCT et al.). **Western Grebe**: 16 / 18 Nov (1) Britton Ford (JRW / TL, EL). **American White Pelican**: reported from Benton, Dyer, Henry, Lake, Lauderdale, & Shelby Cos. ; dates range throughout period; 18 Oct (2033) Mud Is. (JRW), max. **American Bittern**: 6 Sep (1) Shelby Farms (VBR). **Tricolored Heron**: 31 Aug - 1 Sep (1) White's L. Refuge (KCL, BL). **Black-crowned Night-Heron**: 4 / 9 Aug (1 / 2) White's L. Refuge (WGC / KCL, NaM); 16 Aug (2) Lake Co (KCL, BL). **Wood Stork**: Aug - Sep in Shelby & Lauderdale Cos; 15 Sep (87) EARTH Complex (JRW), max.

Eagle - Crane: **Bald Eagle**: reported in Dyer, Lake, Lauderdale, & Shelby Cos; dates range throughout period. **Northern Harrier**: 23 Aug (1) EARTH Complex (JRW), ers. **Sharp-shinned Hawk**: 9 Aug (1) Dyer Co (KCL, NaM), ers. **Broad-winged Hawk**: 27 Sep (33) EARTH Complex (JRW), max. **Merlin**: 10 Sep (1) Is. 13 (MCT, NaM). **Peregrine Falcon**: 20 Sep - 5 Oct (1-2) EARTH Complex (JRW, CHB, VBR et al.); 5 Oct (1) President's Is. , Shelby Co (JRW); 19 Nov (1) Lauderdale Co

(Sue Ferguson, DDP, VBR, LVZ). **Virginia Rail**: 18 Oct (2) EARTH Complex (JRW). **Sora**: 29 Sep (1) Shelby Farms (VBR). **Sandhill Crane**: 4 Sep (4) Memphis (DDP).

Shorebirds: **Black-bellied Plover**: 13 Aug (1) Is. 13 (WGC, KCL, NaM), ers; 2 Nov (4) Lake Co (JRW), lrs. **American Golden-Plover**: 23-30 Aug (1) EARTH Complex (JRW et al.); 23-24 Aug / 20 Sep (1) Hwy 79, Lake Co (WGC, KCL, BL); 7 Sep (1) Gibson Co (MAG). **Semipalmated Plover**: 19 Oct (2) EARTH Complex (CHB, VBR), lrs. **Piping Plover**: 2-5 Aug (1-2) Is. 13 (NaM, KCL). **Black-necked Stilt**: breeding noted in Dyer, Lake & Shelby Cos. **American Avocet**: 3 Aug / 20 Sep (2) EARTH Complex (CHB, VBR, WRP / JRW et al.); 13 Oct (4) Benton Co (MCT). **Willet**: 9 Aug (1) North Treatment Plant, Memphis (Richard Whittington et al.); 5-13 Sep (1) EARTH Complex (JRW et al.). **Upland Sandpiper**: 16 Aug (2) Lake Co (KCL, BL); 22 Aug / 17 Sep (2) Dyer Co (WGC, KCL); 23 Aug - 5 Sep (2-1) EARTH Complex (JRW). **Ruddy Turnstone**: 19 Sep (1) Big Sandy Unit (MCT, BW). **Red Knot**: 18 Oct (3) Mud Is. (JRW). **Sanderling**: 2 Aug - 10 Sep (up to 8 on 5 Aug) Is. 13 (KCL, BL, NaM, WGC, MCT); 24 Aug / 13 Sep (1 / 2) EARTH Complex (JRW); 19 Sep (1) Big Sandy Unit (MCT, BW). **Semipalmated Sandpiper**: 8 Nov (1) EARTH Complex (JRW), lrs. **Western Sandpiper**: 13 Sep / 8 Nov (35 / 2) EARTH Complex (JRW), max / lrs. **Baird's Sandpiper**: 9 Aug - 20 Sep (1-2) EARTH Complex (JRW, CHB, VBR et al.); 27 Aug / 5 Sep (1 / 5) Is. 13 (WGC, KCL / MCT). **Pectoral Sandpiper**: 23 Aug (2500) EARTH Complex (JRW), max, with 1 there on 8 Nov, lrs. **Dunlin**: 8 Nov (94) EARTH Complex (JRW), max. **Stilt Sandpiper**: 8 Nov (17) EARTH Complex (JRW), lrs. **Buff-breasted Sandpiper**: 24 Aug - 27 Sep (1-3) EARTH Complex (JRW et al.); 5 / 7 Sep (3 / 7) Gibson Co (MAG). **Long-billed Dowitcher**: 5 Aug (1) White's L. Refuge (WGC, KCL, NaM); 9 Aug - 18 Oct (up to 8 on 27 Aug) EARTH Complex (JRW, MCT et al.). **Wilson's Snipe**: 22 Aug (2) Dyer Co (WGC, KCL), ers. **American Woodcock**: 6 Oct (4) Shiloh NP (BHS); 7 Oct (3) Benton Co (BHS). **Wilson's Phalarope**: 9 Aug - 21 Sep (1-4) EARTH Complex (JRW, CHB, VBR et al.); 7-27 Sep (1-2) Lake Co (WGC, KCL, BL, NaM). **Red-necked Phalarope**: 14 Sep (1) EARTH Complex (JRW). **Red Phalarope**: 1-10 Nov (1) Britton Ford (DMa, NaM, MCT, JRW, TL, EL et al.).

Gull - Swift: **Laughing Gull**: 19 Sep / 2 Oct (1 im), 17 Oct (1 ad) Pace Point (MCT, DMa, BW); 13 / 17 Oct (1) Paris Landing SP (MCT); 2 Nov (2) Lake Co (JRW). **Franklin's Gull**: 2 Oct (1) Paris Landing SP (MCT, DMa); 17 Oct (3) Pace Point (MCT); 1 Nov (70) Britton Ford (MCT, DMa); 2 Nov (3145) along Mississippi R. , Lake Co. (JRW, NaM), new high count for state. **Bonaparte's Gull**: 19 Oct (2) EARTH Complex (CHB, VBR), ers. **Ring-billed Gull**: 3 Aug (1) Is. 13 (KCL, NaM), ers. **Herring Gull**: 19 Oct (1) Mud Is. (JRW), ers. **Lesser Black-backed Gull**: 13 Oct - 23 Nov (1-2) Henry / Benton Cos (MCT, JRW et al.); 2 Nov (1) Tiptonville bar, Lake Co (JRW). **SABINE'S GULL**: 10 Sep (2 juv) Is. 13 (MCT, NaM). **Caspian Tern**: 21 Aug (20) Pace Point (MCT), max. **Common Tern**: 1-22 Sep (1-2) Lake Co (NaM, MCT, KCL); 21 / 27 Sep (1) Mud Is. (JRW, JKS, MJW). **Least Tern**: 21 Sep (1) Mud Is. (JRW, JKS, MJW), lrs. **Eurasian Collared-Dove**: 5 Oct (473) President's Is. , Shelby Co (JRW), new high count for state. **Black-billed Cuckoo**: 10 / 24 Sep (1)

Shelby Forest (DDP / VH). **Barn Owl**: 17 Sep / 6 Oct (1) Shiloh NP (BHS). **Common Nighthawk**: 22 Sep (377) Shelby Co (JRW), max. **Whip-poor-will**: 17 Sep (1) Shiloh NP (BHS). **Chimney Swift**: 25 Sep (3222) Memphis (CHB, VBR), max.

Flycatcher - Thrush: **Olive-sided Flycatcher**: 23 Aug / 10 Sep (1) Lake Co (MCT, NaM). **Great Crested Flycatcher**: 6 Oct (1) Millington, Shelby Co (VH), lrs. **Western Kingbird**: 30 Oct (1) Memphis (JRW). **Bell's Vireo**: 17 Sep (1) Shiloh NP (BHS). **Blue-headed Vireo**: 16 Sep (1) Shiloh NP (BHS), ers. **Philadelphia Vireo**: 24 Sep (5) Shelby Forest (MTOS), max. **Northern Rough-winged Swallow**: 2 Aug (245) Is. 13 (KCL, BL), max; 7 Nov (1) Orgill Park, Shelby Co (VH), lrs. **Cliff Swallow**: 3 Aug (200 active nests) Memphis (VBR, CHB, WRP). **House Wren**: 22 Oct (4) Shelby Farms (VBR et al.), max. **Sedge Wren**: 17 Oct (1) Pace Point (MCT). **Marsh Wren**: 21 Sep (1) EARTH Complex (JRW, JKS, MJW); 17 Oct (1) Pace Point (MCT). **Veery**: 10 Sep (1) Shelby Forest (VBR). **Hermit Thrush**: 30 Sep (1) Black Bayou, Lake Co (NaM), ers.

Warblers: **"Brewster's" Warbler**: 6 Sep (1) Shelby Forest (WRP). **Yellow Warbler**: 10 Aug (1) EARTH Complex (LVZ). **Black-throated Blue Warbler**: 4 Nov (1 female, found dead) Memphis (Margaret Jefferson). **Prairie Warbler**: 17 Sep (1) Shiloh NP (BHS). **Palm Warbler**: 24 Aug (1) Hwy 79, Lake Co (KCL), early West Tenn. date; 10 Oct (6) Shelby Farms (VBR), max. **Blackpoll Warbler**: 16 Sep (1) Shiloh NP (BHS). **Worm-eating Warbler**: 20 Sep (6) Shelby Co (MTOS), max. **Swainson's Warbler**: 17 Sep (1) Shelby Forest (DDP), lrs. **Wilson's Warbler**: 17 Sep (1) Shelby Forest (DDP); 20 Sep (1) Orgill Park, Shelby Co (DDP); 10 Oct (2) Shelby Farms (VBR).

Tanager - Finch: **Summer Tanager**: 16 Sep (56) Shiloh NP (BHS), max. **Lark Sparrow**: 20-21 Sep (2-1) EARTH Complex (JRW, CHB, VBR et al.). **Grasshopper Sparrow**: 6 Oct (1) Shiloh NP (BHS). **Henslow's Sparrow**: 31 Oct (1) Big Sandy Unit (MCT). **Nelson's Sharp-tailed Sparrow**: 18 Oct (2) Eagle Lake WMA, Shelby Co (JRW). **Fox Sparrow**: 22 Oct (1) Shelby Farms (VBR), ers. **Song Sparrow**: 2 Aug (2) White's L. Refuge (KCL, BL); 3 Aug (3) EARTH Complex (CHB, VBR, WRP). **Blue Grosbeak**: 13 Oct (1) Pace Point (MCT), lrs. **Dickcissel**: 3 Oct (2) Black Bayou, Lake Co (NaM), lrs. **Bobolink**: 17 Oct (2) Henry Co (MCT); 18 Oct (4) Eagle Lake WMA, Shelby Co (JRW). **Yellow-headed Blackbird**: 23 Sep (1 male) Shelby Farms (George & Jeanne Payne). **Orchard Oriole**: 30 Aug (1) EARTH Complex (DDP), lrs. **Purple Finch**: 11 Nov (1) Shelby Co (WRP); 23 Nov (1) Lauderdale Co (MTOS); 29 Nov (4) Henry Co (MCT).

Locations: Big Sandy Unit - unit of Tennessee NWR in Henry Co; Britton Ford - in Henry Co; EARTH Complex - in Shelby Co; Is. 13 - in Lake Co; Mud Is. - in Shelby Co; Pace Point - in Henry Co; Paris Landing SP - in Henry Co; Shelby Farms / Forest - in Shelby Co; Shiloh NP - in Hardin Co; White's L. Refuge - in Dyer Co.

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HIGHLAND RIM AND BASIN REGION — In the Nashville area, temperatures for the four month autumn season were near normal for August through October; however, November was four degrees warmer than usual. The bookend months of August and November had near normal amounts of precipitation. September, on the other hand, had two and a half times the usual amount. It would have been a normal month except for a major storm system that dropped over five inches of rain in Nashville on 21-22 September. This deluge was partly balanced by October's meager two inch amount. It more than lived up to its reputation as the driest month of the year.

Many migrants lingered later into the season than usual, perhaps due to the warmer temperatures in November, providing new record late departure dates for several species. The most exciting news in the region was Tennessee's first record of MacGillivray's Warbler. This western *Oporornis* was discovered at Radnor Lake in late October and lingered over three weeks.

Waterfowl: **Greater White-fronted Goose**: 15 Nov (24) Celina, Clay Co (SJS et al.), first Co. record. **Snow Goose**: 17 Nov (78) Duck R. Unit (GBC). **Blue-winged Teal**: 22 Aug (16) Radnor L (JKS). **Northern Shoveler**: 24 Aug (1) Cane Cr Park (SJS), new early arrival date for Co. **Redhead**: 7 Nov (5) Center Hill L. , DeKalb Co (SJS), ers. **Ring-necked Duck**: 16 Oct (2) Radnor L (FCF), ers. **Surf Scoter**: 13-25 Nov (1) Radnor L (JKS, m. ob.). **Hooded Merganser**: 25 Oct (1) Macedonia Pond, White Co (SJS, WAW), ers. **Red-breasted Merganser**: 22 Nov (32 / 45) Radnor L / Harvest Farm L. , Warren Co (Jim & Sharon Hiett, Pam & Steve Lasley / SJS). **Ruddy Duck**: 5 Oct (5) Cane Cr Park (SJS), ers.

Grebe - Falcon: **Horned Grebe**: 7 Nov (30+) Old Hickory L (GBC, NTOS), ers. **American White Pelican**: 20 Sep (20) Duck R. Unit (JSD). **GREAT WHITE HERON**: 19 Oct (1) Center Hill L. , DeKalb Co (SJS, Carol & Don Williams), possibly the same bird seen last fall in DeKalb & Putnam Cos. **Great Egret**: 3 Aug (200+) Duck R. Unit (JSD), max; 15 Sep (38) Percy Priest L. , Rutherford Co (SSH). **Snowy Egret**: 3 Aug (10) Duck R. Unit (JSD). **Little Blue Heron**: 3 Aug (100+) Duck R. Unit (JSD), max. **Cattle Egret**: 6 Sep (50) Woods Reservoir, Franklin Co (Jerry Ingles, Ruth Luckado, Harry Yeatman et al.). **Green Heron**: 9 Aug (11) Radnor L (JKS). **Yellow-crowned Night-Heron**: 24 Aug (4) Old Hickory L (JKS). **White Ibis**: 3 Aug (1 im) Cross Cr NWR, Stewart Co (JSD); 23 Aug (1 im) Duck R. Unit (JSD). **ROSEATE SPOONBILL**: 19 Aug - 8 Sep (1 im) Arrow L. , Maury Co (Damien Simbeck, m. ob.). **Bald Eagle**: 27 Sep (2) Cheatham Co (NTOS). **Merlin**: 9 Nov (1) Woods Reservoir, Franklin Co (SJS, WAW). **Peregrine Falcon**: 9 Aug thru period (1-2) downtown Nashville & vicinity (CAS, Sabin Thompson et al.).

Rail - Hummingbird: **Virginia Rail**: 28 Aug (1) Shelby Bottoms (PDC). **American Coot**: 26 Sep (6) Cane Cr Park (SJS), new early arrival date for Co. **Sandhill Crane**: 14 Nov (640) Overton Co (Howard Groce), max. **American Golden-Plover**: 20 Sep (2) Duck R. Unit (JSD). **Ruddy Turnstone**: 23 Aug (1) Duck R. Unit (JSD). **Baird's Sandpiper**: 24 Aug (1) Old Hickory L (JKS). **Pectoral Sandpiper**: 3 Aug (200+) Duck R. Unit (JSD), max. **Stilt Sandpiper**: 3 Aug (2) Duck R. Unit (JSD); 27

Sep (1) Rutherford Co (JSD). **Bonaparte's Gull**: 15 Sep (1) Old Hickory L (JKS), new early arrival date for Nashville area. **Herring Gull**: 15 Sep (1) Old Hickory L (JKS), new early arrival date for Nashville area. **Caspian Tern**: 20 Sep (32) Duck R. Unit (JSD), max. **Eurasian Collared-Dove**: 14 Sep (2) McEwen, Humphreys Co (JSD); 5 Nov (1) Nashville (Dee Thompson). **Short-eared Owl**: 13 Nov (2) Fort Campbell, Montgomery Co (Daniel Moss). **Common Nighthawk**: 15 Nov (1) Radnor L (Sandy Kolak), lrs. **Ruby-throated Hummingbird**: 1 Nov (1 ba.) Williamson Co (CAS, Portia Macmillan), lrs. **Rufous Hummingbird**: 5 individuals were banded during Oct in Maury (1), Putnam (1), Davidson (2), & Williamson (1) Cos, plus at least 2 more *Selasphorus* sp. departed before they could be caught (CAS, Portia Macmillan).

Flycatcher - Thrush: **Olive-sided Flycatcher**: 15 Aug (1) Shelby Park (PDC, FCF), new early arrival date for Nashville area. **Eastern Wood-Pewee**: 15 Oct (1) Radnor L (FCF), lrs. **Yellow-bellied Flycatcher**: 14 Sep (1) Cheatham Co (JSD), ers; 27 Sep (1) Davidson Co (CAS), lrs. **Least Flycatcher**: 14 Sep (1) Cheatham Co (JSD), ers. **Scissor-tailed Flycatcher**: 31 Aug (4) Florence Rd. , Rutherford Co (Terry Witt), where nested earlier in summer. **Blue-headed Vireo**: 9 Nov (1) Murfreesboro (Terry Witt), ties fall late date for Nashville area. **Yellow-throated Vireo**: 13 Oct (1) Cane Cr Park (SJS), lrs. **Philadelphia Vireo**: 8 Sep (1) Shelby Park (Jason Mann), ers; 15 Oct (1) Radnor L (FCF, PDC), lrs. **Bank Swallow**: 4 Oct (1) Shelby Bottoms (Michael Bierly), lrs. **Red-breasted Nuthatch**: 20 Sep (1) Putnam Co (BHS), ers; 3 reports in Nov. **Brown-headed Nuthatch**: 20 Sep (5) Cookeville Golf Course, Putnam Co (Michael O'Rourke, WAW). **Brown Creeper**: 15 Oct (1) Radnor L (FCF, PDC), ers. **Sedge Wren**: 9 Sep (nest with 2 young) Fort Campbell, Montgomery Co (Daniel Moss), first confirmed breeding record in Tenn. ; 25 Sep (6) Shelby Bottoms (PDC), max. **Marsh Wren**: 27 Sep (1) Cheatham Co (NTOS); 6 Oct (1) Mill Cr. , Davidson Co (Richard Connors). **Golden-crowned Kinglet**: 3 Oct (1) Rutherford Co (JSD), ers. **Ruby-crowned Kinglet**: 20 Sep (1 / 2) Cheatham Co / Putnam Co (JSD / SJS, BHS), ers. **Blue-gray Gnatcatcher**: 19 Oct (1) Jackson Co (SJS), lrs. **Veery**: 7 Sep (1) Shelby Park (PDC, Michael Smith, Mary Zimmerman), ers; 27 Sep (1) Davidson Co (CAS), lrs. **Gray-cheeked Thrush**: 7 Sep (1) Radnor L (FCF, JKS), ers. **Swainson's Thrush**: 5 Sep (2 / 1) Radnor L / Putnam Co (FCF / SJS), ers. **Hermit Thrush**: 13 Oct (1) Putnam Co (SJS), ers.

Warblers: **Blue-winged Warbler**: 10 Oct (1) DeKalb Co (Carol Williams), lrs. **Golden-winged Warbler**: 5 Sep / 7 Oct (3 / 1) Radnor L (FCF), ers / lrs. **Tennessee Warbler**: 4 Sep (1) Shelby Bottoms (PDC), ers; 31 Oct (2) Putnam Co (SJS), ties late date for Co. **Orange-crowned Warbler**: 2 Sep (1) Shelby Bottoms (PDC), ers. **Nashville Warbler**: 13 Sep (1) Shelby Bottoms (Sharon Hiett), ers; 24 Oct (1) Radnor L (FCF), lrs. **Northern Parula**: 15 Oct (1) Cane Cr Park (SJS), new late departure date for Co. **Chestnut-sided Warbler**: 4 Sep (2) Shelby Bottoms (PDC), ers; 13 Oct (2) Cane Cr Park (SJS), lrs. **Magnolia Warbler**: 3 Sep (1) Putnam Co (SJS), ers; 22 Oct (3) Radnor L (FCF), lrs. **Cape May Warbler**: 27 Sep (1) Radnor L (CAS); 12 Oct (1) City L. , Putnam Co (SJS); 13 / 22 Oct (1) Ensor Sink Natural Area, Putnam Co

(SJS), new late date for Co. **Black-throated Blue Warbler**: 1 Oct (1) Radnor L (NTOS). **Yellow-rumped Warbler**: 15 Sep (1) Rutherford Co (SSH), ers. **Black-throated Green Warbler**: 15 Oct (15) Radnor L (FCF), max; 31 Oct (1) Nashville (SSH), lrs. **Blackburnian Warbler**: 23 Aug (1) Cheatham Co (JSD), ers; 8 Oct (1) Radnor L (FCF), lrs. **Palm Warbler**: 16 Sep (1) Shelby Bottoms (PDC), ers. **Bay-breasted Warbler**: 4 Sep (1) Shelby Park (PDC), ers; 16 Oct (1) Radnor L (FCF), lrs. **Blackpoll Warbler**: 1 Oct (1) Radnor L (PDC), rare in fall. **Black-and-white Warbler**: 2 Nov (1) Radnor L (Cynthia Wilkerson), lrs. **American Redstart**: 15 Oct (1) Radnor L (FCF), lrs. **Prothonotary Warbler**: 27 Sep (1) Shelby Park (PDC), lrs. **Worm-eating Warbler**: 27 Sep (1) Davidson Co (NTOS), lrs. **Ovenbird**: 1 Nov (1) Radnor L (JKS), new late fall date for Nashville area. **Connecticut Warbler**: 19 Sep (1) Nashville (Sharon Monroe). **Mourning Warbler**: 2 Oct (1 tower casualty) Nashville (Linda Kelly); 2-5 Oct (1) Radnor L (FCF, NTOS); 31 Oct (1) Radnor L (SSH), new late fall date for Nashville. **MACGILLIVRAY'S WARBLER**: 25 Oct - 19 Nov (1) Radnor L (JKS, m. ob. , photos), first state record. **Common Yellowthroat**: 8 Nov (1) Shelby Bottoms (PDC), new late date for Nashville. **Wilson's Warbler**: 5 Sep (1) Shelby Park (PDC), ers. **Canada Warbler**: 5 Sep (1) Radnor L (FCF), ers. **Yellow-breasted Chat**: 20 Sep (1) Cheatham Co (JSD), lrs.

Sparrow - Siskin: **Lark Sparrow**: 16 Sep (1) Shelby Bottoms (Michael Smith). **Savannah Sparrow**: 24 Sep (1) Cane Cr Park (SJS), ers. **LeConte's Sparrow**: 30 Oct (1) Shelby Bottoms (PDC, GBC). **Lincoln's Sparrow**: 25 Oct (1) Radnor L (JKS), ers. **White-crowned Sparrow**: 22 Oct (1) DeKalb Co (Tommy & Virginia Curtis), ers. **Dark-eyed Junco**: 12 Oct (2) DeKalb Co (Tommy & Virginia Curtis), ers. **Rose-breasted Grosbeak**: 6 Sep (1) Dekalb Co (SJS et al.), ers; 20 Oct (1) Radnor L (FCF), lrs. **Blue Grosbeak**: 27 Sep (1) Davidson Co (NTOS), lrs. **Indigo Bunting**: 12 Nov (1) Radnor L (FCF), new late fall date for Nashville. **Bobolink**: 20 Sep (4) Putnam Co (SJS et al.); 3 Oct (1) Shelby Bottoms (Michael Bierly, m. ob.). **Rusty Blackbird**: 26 Nov (300) Putnam Co (SJS). **Orchard Oriole**: 10 Sep (1) Putnam Co (Dena Russell), new late date for Co. **Baltimore Oriole**: 5 Sep (9) Shelby Park (PDC), max; 4 Oct (1) Radnor L (CAS), lrs. **Purple Finch**: 4 / 21 Nov (1 / 8) Radnor L (MAG, JKS / Michael Smith), ers / max. **Pine Siskin**: 24 Nov (3) Clay Co (Terry Campbell), only report.

Locations: Cane Cr. Park - in Putnam Co; Duck R. Unit - unit of Tennessee NWR in Humphreys Co; Old Hickory L - in Davidson & Sumner Cos; Radnor L - in Davidson Co; Shelby Park / Bottoms - in Davidson Co.

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CUMBERLAND PLATEAU / RIDGE & VALLEY REGION — This was a mild, wet season. Temperatures through October were near normal, while November was warmer than average. The rainfall amount in the Chattanooga area was average for the season, although October was rather dry. However, northeast Tennessee experienced the wettest autumn on record, this following a rainy summer.

With over 11 inches of rain, August became the wettest month on record in the Tri-Cities area. Also, November received the most rainfall on record there for that month. With all of this precipitation, lakes and ponds remained full. Thus, traditional shorebird habitat was rather scarce until drawdown of the upper TVA lakes began in September, which was later than normal. Water levels at Chattanooga's Brainerd Levee were high, as well.

Overall, this was generally considered to be a good migration season by regional birders. Waterfowl numbers were low, apparently delayed by the mild weather; but, geese made a good showing, which continued into December. The region's lone hawkwatch reported a good flight (Table 1). Standifer Gap Marsh and Brainerd Levee hosted several rails and other marsh birds. Rankin Bottoms and Dutch Bottoms, on upper Douglas Lake, again attracted the greatest numbers of waders and shorebirds, but Kingston Steam Plant produced several good sightings. "The songbird migration started early, was excellent, and ended late" (K. Calhoon). Brown-headed Nuthatches were found at new sites in Knox and Blount counties. Lapland Longspurs returned to two wintering sites, plus were found at another location. Some Purple Finches arrived in November, but few other boreal irruptives were found. A Sage Thrasher, the first for the state, was certainly the prize find of the season. Other notable rarities included Mississippi Kite, King Rail, Piping Plover, Calliope Hummingbird, Clay-colored Sparrow, and Snow Bunting.

Table 1. Fall 2003 hawkwatch totals from Soddy Mtn. (WGH et al.) 7 Sep - 1 Dec; 48 days & 265 hours

Species	Count	Species	Count
Black Vulture	29	Red-shouldered Hawk	19
Turkey Vulture	1059	Broad-winged Hawk	3194
Osprey	14	Red-tailed Hawk	163
Mississippi Kite	2	Golden Eagle	1
Bald Eagle	24	American Kestrel	26
Northern Harrier	37	Merlin	2
Sharp-shinned Hawk	210	Peregrine Falcon	9
Cooper's Hawk	58	Unknown	10

1088 vultures and 3769 hawks = 4857

Waterfowl: **Greater White-fronted Goose**: 21 Nov (4) Greene Co (DAH); 30 Nov (1) Bledsoe Co (SJS, WAW). **Snow Goose**: 16 / 17 Nov (6 / 3) Standifer Gap Marsh (DEP / KAC); 16 Nov (26, with 12 blue & 14 white) Kingston Steam Plant (DAH); 17 Nov (35) Cove Lake SP (NeM); 20 Nov (3) Hiwassee Refuge (RJH); 21 Nov (2 blue) Greene Co (DAH); 26 Nov (3) Brainerd Levee (Scott Manly); 30 Nov (1) Greeneville (DHM); 30 Nov (6) Bledsoe Co (SJS, WAW). **Ross's Goose**: 15-16 Nov (6) Kingston Steam Plant (JRW, MAG / DAH); 30 Nov (1) Bledsoe Co (SJS, WAW). **Blue-winged Teal**: 9 Aug (1) Washington Co (RLK), ers; 7 Nov (7) Boone L. , Sullivan Co (AJT), lrs. **Northern Shoveler**: 1 Sep (4) Rankin Bottoms (RLK), ers. **Northern Pintail**: 15 Nov (14) Greene Co (DHM), max.

Pelican - Ibis: **American White Pelican**: 6 / 15 Nov (1) Hiwassee Refuge (Doug Geren / Ken Dubke). **Double-crested Cormorant**: 20 Aug (4 active nests) Rankin Bottoms (MBS). **American Bittern**: 27 Oct (1) Brainerd Levee (KAC). **Great Egret**: 24 Sep (115) Rankin Bottoms / upper Douglas L (RLK), max, with 32 still there on 7 Nov (RLK); small numbers scattered elsewhere in region. **Snowy Egret**: 18-22 Aug (1) Brainerd Levee (KAC, Betty Wampler); 20 Aug (1) Rankin Bottoms (MBS). **Little Blue Heron**: 20 Aug - 1 Sep (1-4 im, plus 1 ad on 20 Aug) Rankin Bottoms (RLK et al.). **Green Heron**: 2 Nov (1) Cove Lake SP (NeM), lrs. **Black-crowned Night-Heron**: 13 / 21 Sep (1 / 4) Greene Co (DHM / DAH); 14 Sep (10+) Rankin Bottoms (RLK); 11 Nov (7) Fort Patrick Henry Dam, Sullivan Co (DAH); 29 Nov (10+) Douglas Dam, Sevier Co (RLK). **Yellow-crowned Night-Heron**: 19 Aug (1 im) Clyde Austin 4-H Center, Greene Co (DAH), a nest found there the next day apparently of this species. **White Ibis**: 23 Aug (1 im) Rankin Bottoms (KTOS).

Osprey - Crane: **Osprey**: 20 Nov (1) Hiwassee Refuge (Charlie Muise), lrs. **Mississippi Kite**: 20 & 23 Sep (1+1) Soddy Mtn (WGH). **Bald Eagle**: 16 Aug (1) Seven Is. Refuge, Knox Co (DJT); 21 Aug (1 ad) Austin Springs (RLK); 7 Sep (1 ad) Greene Co (DHM); 24 Sep / 29 Nov (2 im / 2 ad, 1 im) upper Douglas L (RLK); 7 Nov (1 ad) Boone L. , Sullivan Co (AJT). **Red-tailed Hawk**: 15 Nov (1 dark morph) Greene Co (DHM, DAH). **Golden Eagle**: 8 Nov (1) Soddy Mtn (WGH); 26 Nov (1 ad) Greene Co (DAH); 29 Nov (1) Scott Co (SJS, NeM, Jimi Moore). **Merlin**: 27 Sep (1) Soddy Mtn (WGH). **Peregrine Falcon**: 29 Aug (1) Greene Co (DHM); 6 Sep - 5 Oct (1 im) Rankin Bottoms / upper Douglas L (KTOS, RLK et al.); 29 Sep (1) Knox Co (JJA et al.); 1 Oct (1) Morgan Co (BHS);20 Oct thru season (2) Chattanooga (fide KAC). **King Rail**: 2 Oct (1) Standifer Gap Marsh (KAC). **Virginia Rail**: 25 Sep (1) Brainerd Levee (KAC); 26 Oct / 17 Nov (3 / 5) Standifer Gap Marsh (KAC / DEP). **Sora**: 25 Sep / 12 Oct (2) Brainerd Levee (KAC); 27 Sep (1) Austin Springs (RLK); 29 Sep (1) Standifer Gap Marsh (KAC); 11 Oct (2) Kyker Bottoms (DJT, KTOS). **Sandhill Crane**: 15 Nov (5) upper Douglas L (DHM, DAH et al.); 15 Nov (17) Knox Co (SH et al.); 30 Nov (2) Washington Co (RLK); all east of usual corridor. **Whooping Crane**: 17 Nov thru season (2) Hiwassee Refuge (m. ob.), these were "graduates" of the Operation Migration flocks of 2001 & 2002, with 16 from the "class of 2003" present 25-30 Nov.

Shorebirds: **Black-bellied Plover**: 14 / 24 Sep (2 / 1) Rankin Bottoms (RLK). **American Golden-Plover**: 12 Aug / 8 Oct (1) Kingston Steam Plant (Frank Bills / JJA, Boyd Sharp); 2-3 Nov (1) Washington Co (RLK / DAH); 7 Nov (1) upper Douglas L (RLK). **Piping Plover**: 1 Sep (1) Rankin Bottoms (RLK et al.). **Greater Yellowlegs**: 22 Nov (1) Greene Co (DHM), lrs. **Lesser Yellowlegs**: 20 Nov (4) Meigs Co (RJH), lrs. **Spotted Sandpiper**: 9 Nov (1) Austin Springs (RLK), lrs. **Upland Sandpiper**: 27 Oct (1) Standifer Gap Marsh (KAC, DRJ), record late for region. **Marbled Godwit**: 23 Aug (1) Kingston Steam Plant (RJH et al.). **Sanderling**: 5-6 Sep (1) Rankin Bottoms (RLK / KTOS); 7 Sep / 8 Oct (2 / 1) Kingston Steam Plant (KTOS / JJA, Boyd Sharp); 7 Nov (1) upper Douglas L (RLK). **Semipalmated Sandpiper**: 1 Sep (40+) Rankin Bottoms (RLK), max. **Western Sandpiper**: 23 Aug (12) Kingston Steam Plant (RJH et al.); 1-14 Sep (1-10+) Rankin Bottoms (RLK et al.). **Least Sandpiper**: 5 Sep (60+) Rankin Bottoms (RLK), max. **White-rumped Sandpiper**: 23 Aug (1) Kingston Steam Plant (RJH et al.). **Baird's Sandpiper**: 25 Aug (1) Kingston Steam Plant (KAC). **Pectoral Sandpiper**: 1 Sep (60+) Rankin Bottoms (RLK), max. **Dunlin**: 27 Oct (4) Austin Springs (RLK); 7 Nov (330+) upper Douglas L (RLK), max there; 8-15 Nov (1-9) Greene Co (DHM); 20 Nov (9) Meigs Co (RJH). **Stilt Sandpiper**: 23 Aug / 7 Sep (1 / 2) Kingston Steam Plant (RJH et al. / KTOS); 1 Sep (3) Rankin Bottoms (RLK). **Buff-breasted Sandpiper**: 5-14 Sep (2) Rankin Bottoms (RLK et al.). **Short-billed Dowitcher**: 2 Aug (1) Washington Co (RLK); 23 Aug (1) Kingston Steam Plant (RJH et al.); 1-14 Sep (1-4) Rankin Bottoms (RLK et al.). **Wilson's Snipe**: 17 Aug (1) Washington Co (RLK), record early in NE Tenn.

Gull - Woodpecker: **Ring-billed Gull**: 23 Aug (1) Rankin Bottoms (KTOS), ers; 22 Nov (99) Greene Co (DHM), large number there. **Herring Gull**: 21 Sep (1 im) upper Douglas L (DHM, Linda Northrop), ers. **Caspian Tern**: 21 / 23 Aug (2) Kingston Steam Plant (Arthur McDade / RJH et al.); 23 Aug / 22 Sep (1 / 2) Rankin Bottoms (KTOS / MBS); 7 Sep (7) Nickajack L. (KAC); 2 Oct (2) Chickamauga L. , Hamilton Co (Harold Sharp). **Common Tern**: 5 Sep (4) Nickajack L. (RJH); 21 / 24 Sep (10 / 1) upper Douglas L (DHM / RLK). **Forster's Tern**: 24 Sep (1) upper Douglas L (RLK). ***Sterna* sp.** : 22 Sep (55) upper Douglas L (MBS), Forster's and / or Common. **Black Tern**: 2-3 Aug (4) Washington Co farm pond (RLK / DHM); 5 Sep (2) Nickajack L (RJH); 21-22 Sep (1) Greene Co (DAH / DHM). **Barn Owl**: 7 Aug - 14 Nov (1-2) Greene Co - 3 sites (DHM); thru season (1-2) Johnson City (RLK); 17 Nov (1) Standifer Gap Marsh (DEP). **CALLIOPE HUMMINGBIRD**: 28 Oct - 5 Nov (1 ad. male) Blount Co (JoAnn McMillan fide Harold Howell, m. ob.), was wearing a band but could not be captured. **Red-headed Woodpecker**: thru season (1-6) Greene Co - 3 sites (DHM, DAH).

Flycatcher - Pipit: **Eastern Wood-Pewee**: 15 Oct (1) Greene Co (DHM), lrs. **Yellow-bellied Flycatcher**: 21-28 Sep (1 on 3 dates) Craven's House (DRJ, CDB, KAC). **White-eyed Vireo**: 4 Nov (1) Anderson Co (AJT); 25 Nov (1) Knox Co (SH, NaM), lrs. **Yellow-throated Vireo**: 17 Oct (1) Greene Co (DAH), lrs. **Blue-headed Vireo**:

21 Nov (1) Craven's House (KAC); 29 Nov (1) Meigs Co (JDJ), lrs. **Philadelphia Vireo**: 14 -28 Sep (6 over 3 dates) Craven's House (KAC); 26 Sep (1) Sullivan Co (AJT); 27 Sep (1) Washington Co (RLK). **Horned Lark**: 10 / 30 Nov (2 / 1) Standifer Gap Marsh (KAC), unusual in Hamilton Co. **Red-breasted Nuthatch**: 6 Sep (1) Hamilton Co (David Aborn), only report. **Brown-headed Nuthatch**: 21 Sep (1) Louisville Point Park, Blount Co (Tom Howe), first Co. record; 28 Sep (2-4) U. T. Plant Science Farm, Knox Co (JJA et al.); continued expansion in Knoxville area. **Carolina Wren**: 25 Sep (brood fledged) Bluff City, Sullivan Co (Bert Hale), late. **Sedge Wren**: 24 Sep / 10 Oct (1) Greene Co (DAH); 25 Sep / 12 Oct (1) Brainerd Levee (KAC); 11 Oct (6) Kyker Bottoms (DJT, KTOS). **Marsh Wren**: 25 Sep (1) Standifer Gap Marsh (KAC); 28 Sep (2) Knox Co (JJA et al.); 11 Oct (6) Kyker Bottoms (DJT, KTOS); 12 / 27 Oct (4 / 1) Brainerd Levee (KAC); 17-18 Oct (1 ba.) Steele Cr. Park, Sullivan Co (Richard Lewis et al.). **SAGE THRASHER**: 8 Nov into Dec (1) Knox Co (SH, m. ob. , photos by Ron Hoff & Dean Edwards), first state record. **American Pipit**: 5 Nov (200+) Washington Co (RLK); 7 Nov (150+) upper Douglas L (RLK); 15 Nov (200+) Greene Co (DAH, DHM); 22 Nov (200+) Scott Co (NeM et al.); max.

Warblers: **Golden-winged Warbler**: 20 / 25 Sep (2 / 1) Craven's House (KAC); 26 Sep (1) Anderson Co (JDJ); 27 Sep (1) Washington Co (RLK); 29 Sep (1) Chattanooga (David Aborn). **Tennessee Warbler**: 31 Aug (1) Kingston Steam Plant (DHM), ers; 23 Nov (1) Roane Co (NeM, JDJ), lrs. **Orange-crowned Warbler**: 6 Sep / 17 Oct (1 / 1, bothba.) Chattanooga (David Vogt); 18 Oct / 14 Nov (1) separate Knox Co sites (DJT / SH); 19 Oct (2) Campbell Co (NeM). **Chestnut-sided Warbler**: 15 Oct (1) Greeneville (DHM), lrs. **Cerulean Warbler**: 17 Aug - 17 Sep (12, max 5 on 24 Aug) Craven's House (KAC), good showing there. **Ovenbird**: 2 Nov (1) Hamilton Co (Libby Wolfe), lrs. **Connecticut Warbler**: 8 Oct (1) Greene Co (DAH). **Mourning Warbler**: 20 / 23 Sep (1) Craven's House (DRJ, CDB / Libby Wolfe, Mary Lynn Buttram); 31 Oct (1) Cove Lake SP (NeM). **Common Yellowthroat**: 23 Nov (1) Greene Co (DHM); 26 Nov (1) Washington Co (RLK); lrs. **Wilson's Warbler**: 20 Sep / 2-3 Oct (5 at 3 sites) Hamilton Co (CDB / Carol Fegarido / Dennis Harris).

Sparrow - Siskin: **CLAY-COLORED SPARROW**: 11 Oct (1) Kyker Bottoms (DJT, KTOS). **Vesper Sparrow**: 19 Oct - 15 Nov, reports from Anderson, Blount, Campbell, Greene, Roane, Sullivan & Washington Cos. **Lark Sparrow**: 25 Nov (1) Gray, Washington Co (Dee Eiklor). **Grasshopper Sparrow**: 25 Oct (1) Kyker Bottoms (DJT, KTOS), lrs. **Henslow's Sparrow**: 25 Oct (1) Kyker Bottoms (DJT, KTOS). **Nelson's Sharp-tailed Sparrow**: 28 Sep (1) Sharp's Ridge, Knox Co (Nathan Klaus, Craig Walker, Belinda Esham, Charles Nicholson). **Fox Sparrow**: 25 Oct (1) Kyker Bottoms (DJT, KTOS), ers. **Lincoln's Sparrow**: 28 Sep - 26 Oct (12 reports) Campbell, Greene, Hamilton, Knox, Sullivan & Washington Cos (m. ob.), better than average showing. **Lapland Longspur**: 2 / 30 Nov (1 / 3) Limestone, Washington Co (RLK); 11 Nov (2-3) U. T. Plant Science Farm, Knox Co (Tom Howe); 22 Nov (3) western Greene Co (DHM, Linda Northrop); the first two sites hosted wintering

longspurs last winter. **Snow Bunting**: 29 Nov (1) Scott Co (SJS, NeM, Jimi Moore). **Blue Grosbeak**: 22 Oct (2) Greene Co (DAH), lrs. **Dickcissel**: 18 Oct (1) Campbell (NeM). **Brewer's Blackbird**: 18 Oct / 29 Nov (1 / 2) Scott Co (NeM). **Purple Finch**: a few scattered reports in Nov. **Pine Siskin**: 13 Nov (12) Morgan Co (BHS), only report.

Locations: Austin Springs - in Washington Co; Brainerd Levee - in Hamilton Co; Cove Lake SP - in Campbell Co; Craven's House - unit of Chickamauga National Military Park, Hamilton Co; Douglas L. - in Jefferson & Cocke Cos; Hiwassee Refuge - in Meigs Co; Kingston Steam Plant - in Roane Co; Kyker Bottoms - in Blount Co; Nickajack L. - in Marion Co; Rankin Bottoms - in Cocke Co; Soddy Mtn - in Hamilton Co; Standifer Gap Marsh - in Hamilton Co.

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EASTERN MOUNTAIN REGION — Temperatures were normal for the period with the exception of November, which was unusually warm. Precipitation was considerably above normal for the period. August was very wet with over 11 inches of rain. Rainfall was 13 inches above normal for the period. An excellent cone crop in the spruce-fir forest on top of Roan Mountain was the best in 10-15 years; this accounted for the season-long presence and apparent nesting of both Red Crossbills and Pine Siskins.

The following are banding summaries reported from the region:

Whigg Meadow, Monroe County: 6-20 September (807 birds of 37 species banded), David Vogt, bander. Top species banded were Tennessee Warbler (325), Swainson's Thrush (83), Dark-eyed Junco (60), Blue-headed Vireo (53), and Black-throated Blue Warbler (52).

Carver's Gap on Roan Mountain, Carter County, TN and Mitchell County, NC: 12 Aug - 16 October (1061 birds of 47 species banded), Richard Knight, bander. Top species banded were Tennessee Warbler (377 - double previous high), Dark-eyed Junco (162), Swainson's Thrush (157), and Black-throated Blue Warbler (129). Totals were the highest for the six years of banding here.

Quarry Bog in Shady Valley, Johnson County: 18 October - 4 November (205 birds of 11 species banded), Richard Knight, bander. Top species banded were Swamp Sparrow (86), Song Sparrow (54), Palm Warbler (26), and American Goldfinch (25).

Waterfowl: **Snow Goose**: 16 / 22 Nov (1 blue / 1 white) S. Holston L. (Dwayne Martin / DAH). **American Wigeon**: 27 Sep (4) S. Holston L. (JWC, FRC), ers. **Blue-winged Teal**: 15 Sep (200+) S. Holston L. (JWC, FRC, RLK), max. **Northern Shoveler**: 15 Sep (1) S. Holston L. (RLK, JWC, FRC), ers. **Ring-necked Duck**: 15 Oct / 9 Nov (3 / 202) Middlebrook L. (JWC / RLK, DHM et al.), ers / max. **Greater Scaup**: 11 Nov (5) Middlebrook L. (DAH); 22 Nov (3) Chilhowee L. , Blount Co

(Charlie & Tracey Muise). **Lesser Scaup**: 15 Oct (2) S. Holston L. (RLK), ers. **Long-tailed Duck**: 16 Nov (1) S. Holston L. (Dwayne Martin). **White-winged Scoter**: 2 / 8 Nov (1) S. Holston L. (JWC et al.). **Hooded Merganser**: 8 Nov (69) Cades Cove, GSMNP (NeM). **Red-breasted Merganser**: 22 Nov (120) Chilhowee L. , Blount Co (Charlie & Tracey Muise).

Loon - Falcon: **Common Loon**: 15 Sep (2) S. Holston L. (RLK, JWC, FRC), ers. **Horned Grebe**: 27 Sep (2) S. Holston L. (JWC, FRC), record early by 2 weeks in area. **Eared Grebe**: 7 Sep / 7 Oct (1 / 7) S. Holston L. (FRC, Ed Talbot et al. / JWC), ers / max. **Red-necked Grebe**: 9 Nov (1) S. Holston L. (RLK et al.). **Great Egret**: 17 Aug / 3 Sep (1 / 7) S. Holston L. (JWC, FRC et al.), ers / max. **Green Heron**: 24 Aug (nest with "branchlings") Unicoi Co (Fred Alsop), late nesting. **Black-crowned Night-Heron**: 2 Aug (2 ad) Pigeon R. , above Hartford, Cocke Co (SJS, BHS); 5 Aug (5) Middlebrook L (FRC et al.); 15 / 21 Sep (2 / 1) S. Holston L (FRC / Ken Hale). **Yellow-crowned Night-Heron**: 2 Aug (nest with 3 large young) Sycamore Shoals SP, Carter Co (DAH), late; 27 Sep (2) Elizabethton (DAH, BKS), lrs. **White Ibis**: 5 Aug (1 im) Middlebrook L (FRC et al.). **Bald Eagle**: 10 Aug irregularly thru season (1-2) S. Holston L. (m. ob.); 20 Sep / 23 Oct (1) Wilbur L. , Carter Co (BKS, HPL / Bill Grigsby). **Red-shouldered Hawk**: 31 Oct (2) Elizabethton (TSM); 9 Nov (1) Wilbur L. , Carter Co (Larry McDaniel et al.). **Merlin**: 20 Sep (1) Carver's Gap (RLK). **Peregrine Falcon**: 27 Sep (1) S. Holston L. (JWC, FRC); 28 Sep (1) Mt. LeConte, GSMNP (JDJ); 21 Oct (1) Sam's Gap, Unicoi Co (GOW); 8 Nov (1) Cades Cove, GSMNP (NeM).

Rail - Hummingbird: **Virginia Rail**: 27 Sep / 19 Oct (1) Quarry Bog (JWC, FRC / RLK). **Sora**: 27 Sep (1) Watauga L. , Johnson Co portion (DAH). **American Coot**: 5 Aug (1) Middlebrook L. (FRC), ers. **Sandhill Crane**: 13 Nov (7) Unicoi Co (Johnny Lynch). **Semipalmated Plover**: 15 Sep (5) S. Holston L. (JWC, FRC), max. **American Avocet**: 12 Nov (2) S. Holston L. (Bill Grigsby, FRC). **Lesser Yellowlegs**: 15 Sep (40) S. Holston L. (JWC, FRC, RLK), max. **Ruddy Turnstone**: 15 Sep (1) S. Holston L. (JWC, FRC). **American Woodcock**: 21 / 24 Aug (1) Carver's Gap (RLK). **Laughing Gull**: 27 Sep (9) S. Holston L. (JWC, FRC), record high number in area. **SABINE'S GULL**: 1 Sep (1 juv) S. Holston L. (FRC, Sam Cross, Ed Talbot et al. , photos), first area record. **Caspian Tern**: 7-21 Sep (2-7) S. Holston L. (JWC, FRC et al.). **Common Tern**: 2 / 15 Sep (7 / 32) S. Holston L. (BKS, HPL / JWC, FRC, RLK); 23 Sep (12) Watauga L. , Carter Co portion (RLK). **Black Tern**: 15 Sep (25) S. Holston L. (JWC, FRC, RLK). **Mourning Dove**: thru 16 Oct (7+, including 2 juv) Carver's Gap (RLK). **Northern Saw-whet Owl**: 8 / 13 Oct (1) Carver's Gap (RLK). **Common Nighthawk**: 25 Aug (1) Carver's Gap (RLK), high elevation; 1 Sep (67) Shady Valley (CJO), new high count there. ***Selasphorus* sp.** : 2 Sep (1 female / im) Carver's Gap (RLK); 9 Oct thru season (1 female) Elizabethton (GOW).

Flycatcher - Catbird: **Olive-sided Flycatcher**: 5 Oct (1) Erwin, Unicoi Co (Joe McGuiness, Kim Stroud), late. **Acadian Flycatcher**: 27 Sep (1) Shady Valley (JWC, FRC), lrs. **Alder Flycatcher**: 12 / 16 Aug (4 ba. / 1) Carver's Gap (RLK), lrs. **Least Flycatcher**: 24 Aug (1 ba.) Carver's Gap (RLK). **Blue-headed Vireo**: 24 Nov (1) Shady Valley (CJO), lrs. **Philadelphia Vireo**: 15 Sep / 4 Oct (1) Carter Co (BKS,

HPL et al.); 18 Sep (1 ba.) Whigg Meadow (DFV). **Tree Swallow**: 23 Sep (400+) S. Holston L. (Mary Erwin, Mary Evans, RLK), max. **Marsh Wren**: 27 Sep (2) Orchard Bog in Shady Valley (JWC, FRC); 24 -25 Oct (1) Quarry Bog (RLK). **Swainson's Thrush**: 1 Nov (1) Carter Co (DAH), lrs. **Hermit Thrush**: 29 Aug (1 juv ba.) Carver's Gap (RLK), from local breeding population. **Gray Catbird**: 29 Nov (1) Holston Valley, Sullivan Co (Richard Lewis), lrs.

Warblers: **Blue-winged Warbler**: 19 Aug (1) Holston Mtn, Sullivan Co portion (FRC); 7 Sep (1 ba.) Whigg Meadow (DFV). **Golden-winged Warbler**: 26 Aug (1 ba.) Carver's Gap (RLK); 17 Sep (1 ba.) Whigg Meadow (DFV). **Tennessee Warbler**: 26 Aug (1) Carver's Gap (RLK), ers; 9 Sep (102 ba.) Whigg Meadow (DFV), max. **Nashville Warbler**: 19 Sep (1 ba.) Whigg Meadow (DFV); 18 Oct (1 ba.) Quarry Bog (RLK), first Shady Valley record / lrs. **Yellow Warbler**: 27 Sep (1) Carter Co (BKS, HPL, GOW), lrs. **Yellow-rumped Warbler**: 2 Sep (1) Carver's Gap (RLK), record early locally. **Yellow-throated Warbler**: 4 Oct (1) Elizabethton (BKS et al.), lrs. **Palm Warbler**: 5 Sep (1) Carver's Gap (RLK), ers. **Blackpoll Warbler**: 24 Sep / 8 Oct (1 seen / 2 ba.) Carver's Gap (RLK), rare in fall. **Connecticut Warbler**: 25 Sep (1 ba.) Carver's Gap (RLK).

Sparrow - Siskin: **Vesper Sparrow**: 31 Oct (5) Elizabethton (TSM); 8 Nov (29) Cades Cove, GSMNP (NeM), very large number. **Grasshopper Sparrow**: 25 Oct (1) Hampton Cr. Cove, Carter Co (AJT), lrs. **Fox Sparrow**: 16 Oct (1) Carver's Gap (RLK), ers. **Lincoln's Sparrow**: 1 Sep (1 ba.) Carver's Gap (RLK), new early arrival date for Tenn. & North Carolina; 19-31 Oct (1-2) Quarry Bog (RLK). **Swamp Sparrow**: 27 Sep (1) Unicoi Co (AJT), ers. **Indigo Bunting**: 1 Nov (1) Carter Co (DAH), lrs. **Northern Cardinal**: 7 Oct (ad. male feeding fledglings) Tremont, GSMNP (Charlie Muise), late. **Bobolink**: 15 Sep (53) Quarry Bog (FRC), max. **Red-winged Blackbird**: 8 Nov (90 flying over) Carver's Gap (RLK), unusual at high elevation. **Eastern Meadowlark**: 8 Nov (1) Carver's Gap (RLK), unusual at high elevation. **Rusty Blackbird**: 8 Nov (3) Cades Cove, GSMNP (NeM), ers. **Common Grackle**: 8 Nov (42 flying over) Carver's Gap (RLK), unusual at high elevation. **Purple Finch**: 1 Nov (1) Elizabethton (TSM), ers. **Red Crossbill:** thru season (15+, with males singing,& 2-3 streaked juv beginning 12 Aug) Carver's Gap (RLK, m. ob.), strong indication of breeding; 27 Sep (2) Unaka Mtn. , Unicoi Co (AJT); 27 Sep (8, including 1 streaked juv) Newfound Gap, GSMNP (MCT); 27-28 Sep (5, including 3 streaked juv) Mt. LeConte, GSMNP (JDJ). **Pine Siskin**: thru season (up to 26) Carver's Gap (RLK, m. ob.), with 1 seen gathering grass & flying off with it on 15 Aug, indicating nest building; 29 Nov (12) S. Holston L. (JWC et al.), only low elevation report.

Locations: Carver's Gap - on Roan Mtn. in Carter Co (& Mitchell Co. , NC); GSMNP - Great Smoky Mountains National Park; Middlebrook L. - in Sullivan Co; Quarry Bog - in Shady Valley, Johnson Co; Shady Valley - in Johnson Co; S. Holston L. - in Sullivan Co; Whigg Meadow - in Monroe Co.

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